

Thiazolylpiperidine derivatives, processes for the preparation thereof, pharmaceutical compositions comprising same, and applications thereof in the treatment of hypertriglyceridaemia, hypercholesterolaemia and dyslipidaemia

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[0001] The invention relates to compounds that are inhibitors of microsomal triglyceride transfer protein (MTP), to pharmaceutical compositions comprising same, and to the use thereof in medicine.

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[0002] MTP (microsomal triglyceride transfer protein) is a transfer protein located in the reticulum of hepatocytes and enterocytes, which catalyses the assembly of biomolecules that transport triglycerides, the apo B lipoproteins.

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[0003] The term apo B more particularly denotes apoprotein 48 of the intestine and apoprotein 100 of the liver.

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[0004] Mutations in MTP or in the B apoproteins are reflected in man by very low levels or even an absence of apo B lipoproteins. The lipoproteins containing apo B (chylomicrons, very low density lipoproteins) and their metabolic residues (chylomicron remnants, low density lipoproteins) are recognized as being a major risk factor in the development of atherosclerosis, a major cause of death in industrialized countries. It is observed that, in individuals who are heterozygous for these mutations, levels reduced on average by a half are associated with a low cardiovascular risk (C.J. Glueck, P.S. Gartside, M.J. Mellies, P.M. Steiner, *Trans. Assoc. Am. Physicians*, **90**, 184 (1977)). This suggests that modulation of the secretions of triglyceride-rich lipoproteins by means of MTP antagonists and/or of secretion of apo B might be useful in the treatment of atherosclerosis and more broadly of pathologies characterized by an increase in apo B lipoproteins.

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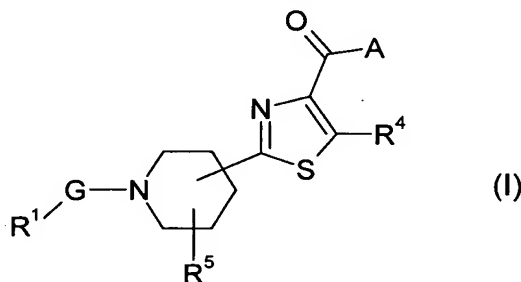
[0005] Molecules that inhibit MTP and/or the secretion of apo B might thus be useful for the treatment of hypertriglyceridaemia, hypercholesterolaemia and

dyslipidaemia associated with diabetes, and also for the prevention of and treating obesity.

[0006] It has now been discovered that certain compounds of thia-
 5 zolypiperidine structure have inhibitory properties towards MTP and/or apoB secretion.

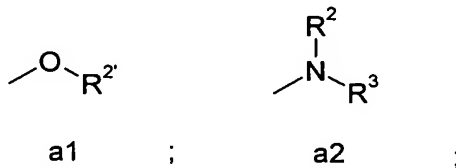
[0007] As a result of this activity, these compounds have an entirely
 advantageous possible application in the treatment of hypertriglyceridaemia,
 10 hypercholesterolaemia and dyslipidaemia associated with diabetes, and also with the prevention and treatment of obesity.

[0008] Thus, the present invention relates firstly to compounds of thia-
 zolypiperidine structure of the general formula (I):



in which:

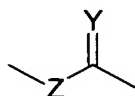
- A represents a radical chosen from radicals a1 and a2 below:



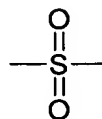
- G represents a divalent bond or radical chosen from groups g1, g2 and g3 below:



g1



g2



g3

- R¹ is chosen from hydrogen and an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl, heteroaryl, alkylcarbonyl or alkoxy carbonyl radical;
- R², R^{2'} and R³, which may be identical or different, are chosen, independently of each other, from a hydrogen atom, an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl or heteroaryl radical and a radical -NRR'; or
- R² and R³ together form, with the nitrogen atom that bears them, a heterocycle;
- R⁴ and R⁵, which may be identical or different, are chosen, independently of each other, from a hydrogen atom, an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl or heteroaryl radical and a radical -NRR';
- R and R', which may be identical or different, represent, independently of each other, a hydrogen atom or a radical chosen from alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl and heteroaryl; or together form, with the nitrogen atom that bears them, a heterocycle, or together form the double bond of an alken-1-yl radical;
- Y represents an oxygen or sulfur atom; and
- Z represents -NH- or an oxygen atom;

the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and possible oxidized forms, especially amine oxides, thereof, the solvates and the hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0009] The definitions that follow specify the natures of the various groups and radicals defined above. Unless otherwise mentioned, these definitions apply for all the terms of the present invention thus explained.

[0010] The term "halogen atom" denotes a fluorine, chlorine, bromine or iodine atom.

[0011] The term "alkyl" denotes a linear or branched alkyl radical containing from 1 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thio, hydroxyl, thiol, -NRR' (where R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkylidysulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)₂-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0012] Examples of alkyl radicals, which may be optionally substituted as indicated above, are methyl, ethyl, propyl, isopropyl, butyl, isobutyl, *tert*-butyl, pentyl, isopentyl, neopentyl, 2-methylbutyl, 1-ethylpropyl, hexyl, isohexyl, neohexyl, 1-methylpentyl, 3-methylpentyl, 1,1-dimethylbutyl, 1,3-dimethylbutyl, 1-ethylbutyl, 1-methyl-1-ethylpropyl, heptyl, 1-methylhexyl, 1-propylbutyl, 4,4-dimethylpentyl, octyl, 1-methylheptyl, 2-methylhexyl, 5,5-dimethylhexyl, nonyl, decyl, 1-methylnonyl, 3,7-dimethyloctyl and 7,7-dimethyloctyl.

[0013] The term "alkenyl" denotes a linear or branched alkyl radical comprising at least one unsaturation in double bond form and containing from 2 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)₂-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)-alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0014] Examples of alkenyl radicals, which may be optionally substituted as indicated above, are ethylenyl, propenyl, propadienyl, butenyl, butadienyl, pentenyl, pentadienyl, hexenyl, hexadienyl, heptenyl, heptadienyl, octenyl, octadienyl, nonenyl, nonadienyl, decenyl and decadienyl, and also the branched isomers thereof, the absence of indication of the position of the double bond(s) being necessarily understood as meaning that no limitation is placed on the double bond(s). For example, the "pentenyl" radical includes, without preference, the pent-1-en-1-yl, pent-2-en-1-yl and pent-3-en-1-yl radicals, but also the pent-1-en-2-yl, pent-2-en-2-yl and pent-3-en-2-yl radicals, as well as the pent-1-en-3-yl, pent-2-en-3-yl and pent-3-en-3-yl radicals.

[0015] The term "alkynyl" denotes a linear or branched alkyl radical comprising at least one unsaturation in triple bond form and containing from 2 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl

(alkyl-S(=O)₂-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0016] Examples of alkynyl radicals, which may be optionally substituted as indicated above, are ethynyl, propynyl, propadiynyl, butynyl, butadiynyl, pentynyl, pentadiynyl, hexynyl, hexadiynyl, heptynyl, heptadiynyl, octynyl, octadiynyl, nonynyl, nonadiynyl, decynyl and decadiynyl, and also the branched isomers thereof, the absence of indication of the position of the double bond(s) being necessarily understood as meaning that no limitation is placed on the double bond(s). For example, the "pentynyl" radical includes, without preference, the pent-1-yn-1-yl, pent-2-yn-1-yl and pent-3-yn-1-yl radicals, but also the pent-1-yn-2-yl, pent-2-yn-2-yl and pent-3-yn-2-yl radicals, as well as the pent-1-yn-3-yl, pent-2-yn-3-yl and pent-3-yn-3-yl radicals.

[0017] The term "cycloalkyl" denotes a monocyclic, bicyclic or tricyclic, bridged or unbridged cycloalkyl radical containing from 3 to 13 carbon atoms, optionally comprising one or more double bonds, also including spirane compounds, and optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhaloalkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)₂-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkyl-

thio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or hetero-arylthio radical.

[0018] Examples of cycloalkyl groups, which are optionally substituted as indicated above, are especially cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclooctyl and cyclodecyl, adamantyl, diamantyl, norbornyl and bornyl groups.

[0019] The term "heterocycloalkyl" denotes a monocyclic, bicyclic or tricyclic radical containing a total of from 3 to 13 atoms, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, the other atoms being carbon atoms, the said heterocyclic radical also optionally comprising 1, 2, 3 or 4 double bonds, also including spirane compounds, and being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhaloalkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)₂-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0020] In particular, saturated or partially unsaturated, monocyclic heterocycles of 5 to 8 atoms are saturated, or partially unsaturated, derivatives of the heteroaryls defined later. More particularly, among the heterocycloalkyl radicals that may be mentioned are morpholino, morpholinyl, piperidyl, thiazolidinyl, oxazolidinyl, tetrahydrothienyl, tetrahydrofuryl, tetrahydropyranyl, pyrrolidinyl, isoxazolidinyl, imidazolidinyl and pyrazolidinyl radicals.

[0021] The term "aryl" denotes a monocyclic, bicyclic or tricyclic aryl radical containing from 6 to 14 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhalo-alkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)₂-), alkenylthio, alkynylthio, a phosphoric acid derivative [(alkyl-O)₂-P-O-alkyl], alkylcarbonyl, alkoxy carbonyl, alkylcarbonylamino, alkoxy carbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0022] Aryl radicals that may be mentioned, in a non-limiting manner, include phenyl, naphthyl, anthryl and phenanthryl radicals.

[0023] The term "heteroaryl" denotes a monocyclic, bicyclic or tricyclic aromatic radical containing a total of from 3 to 13 atoms, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, optionally in oxidized form (in the case of nitrogen and sulfur), the other atoms being carbon atoms, the said heteroaryl radical being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhalo-alkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)₂-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxy carbonyl, alkyl-

carbonylamino, alkoxy carbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, hetero-arylcarbonyl, heteroaryloxy or heteroarylthio radical.

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[0024] Preferably, at least one of the monocycles constituting the hetero-cycle contains from 1 to 4 endocyclic hetero atoms and more preferably from 1 to 4 endocyclic hetero atoms. According to the invention, the heterocyclic polycyclic nucleus consists of one or more monocycles each containing from 5 to 8 atoms included in the ring.

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[0025] Examples of heteroaryl radicals, optionally substituted as has just been described, are radicals derived from heteroaromatic compounds, such as pyridine, furan, thiophene, pyrrole, imidazole, thiazole, isothiazole, isoxazole, furazane, pyridazine, pyrimidine, pyrazine, thiazines, oxazole, pyrazole, oxadiazole, triazole and thiadiazole. Among the preferred heteroaryls that may be mentioned are pyridyls, pyrimidinyls, triazolyls, thiadiazolyls, oxazolyls, thiazolyls and thienyls.

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[0026] Examples of bicyclic heteroaryl radicals in which each monocycle contains from 5 to 8 endocyclic atoms are derived from aromatic compounds chosen from indolizine, indole, isoindole, benzofuran, benzothiophene, indazole, benzimidazole, benzothiazole, benzofurazane, benzothiofurazane, purine, quino-line, isoquinoline, cinnoline, phthalazine, quinazoline, quinoxaline, naphthyridines, pyrazolotriazines, pyrazolopyrimidine and pteridine.

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[0027] Among the heteroaryls defined above, quinolyl, pyridyl, benzotriazolyl, triazolyl, acridyl, phenazinyl and carbazolyl radicals are preferred.

[0028] When the radicals R^2 and R^3 form, together with the nitrogen atom that bears them, a heterocycle, the said heterocycle is a monocycle, bicycle or

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tricycle containing a total of from 3 to 13 atoms including the nitrogen atom, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, the other atoms being carbon atoms, the said heterocycle also optionally comprising 1, 2, 3 or 4 double bonds, also including spirane compounds, and being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkylidysulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)₂-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxy carbonyl, alkylcarbonylamino, alkoxy carbonylamino, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroaryloxy or heteroarylthio radical.

[0029] For the compounds of the formula (I) presented above, the term "geometrical isomer" means a *cis/trans* or *E/Z* isomerism. More particularly, the possible double bond(s) present in the various substituents of the compounds of the general formula (I) can be of *E* or *Z* configuration. These pure or impure geometrical isomers, alone or as a mixture, form an integral part of the compounds of the formula (I).

[0030] The term "optical isomer" includes all the isomeric forms, alone or as mixtures, resulting from the presence of one or more axes and/or centres of symmetry in the molecule, and resulting in the rotation of a beam of polarized light. The term "optical isomer" more particularly includes enantiomers and diastereoisomers, in pure form or as a mixture.

[0031] The acids capable of forming pharmaceutically acceptable salts with the compounds of the formula (I) above are organic or mineral acids. Non-limiting examples that may be mentioned include hydrochloric acid, hydrobromic acid,

phosphoric acid, sulfuric acid, tartaric acid, citric acid, maleic acid, acetic acid, fumaric acid, alkanesulfonic acid, naphthalenesulfonic acid, *para*-toluenesulfonic acid, bis-trifluoroacetic acid and camphoric acid.

5 **[0032]** The bases capable of forming pharmaceutically acceptable salts with the compounds of the formula (I) above are mineral or organic bases. Among these bases, non-limiting examples that may be mentioned include sodium hydroxide, potassium hydroxide, ammonia, diethylamine, triethylamine, ethanolamine, diethanolamine, piperidine, piperazine, morpholine, basic amino acids,
10 such as arginine and lysine, osamines, for example meglumine, and amino alcohols, such as 3-aminobutanol and 2-aminobutanol.

[0033] The invention especially covers the pharmaceutically acceptable salts, as indicated above, but also salts allowing a suitable separation or crystalli-
15 zation of the compounds of the formula (I), such as the salts obtained with chiral amines.

[0034] The compounds of the formula (I) above also comprise the prodrugs of these compounds.

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[0035] The term "prodrugs" means compounds which, once administered to the patient, are chemically and/or biologically converted by the living body into compounds of the formula (I).

25 **[0036]** Among the compounds of the formula (I) according to the invention that are preferred are those for which the radical R⁵ represents hydrogen, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;
30 and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0037] Preference is also given to the compounds of the formula (I) according to the invention for which the radical R^4 represents hydrogen, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds; and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0038] Another preferred group of compounds according to the present invention consists of compounds of the formula (I) in which the thiazolyl radical is branched in position 3 or in position 4 of the piperidine nucleus, preferably in position 4 of the piperidine nucleus.

[0039] Another preferred group of compounds according to the present invention consists of compounds of the general formula (I) in which G represents the radical g1, preferably in which Y represents an oxygen atom, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds; and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

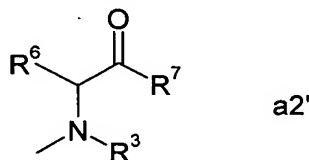
[0040] Another preferred group of compounds according to the present invention consists of compounds of the general formula (I) in which the radical R^4 represents hydrogen, the radical R^5 represents hydrogen, the thiazolyl radical is branched in position 4 of the piperidine nucleus, and G represents the radical g1 in which Y represents an oxygen atom, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0041] Another preferred group of compounds of the invention consists of compounds of the general formula (I) in which R^1 represents an aryl radical, especially phenyl, substituted by one or more aryl and/or alkyl radicals. The compounds of the general formula (I) in which R^1 represents a biphenyl radical, optionally substituted by one or more alkyl radicals, preferably methyl, ethyl or propyl, and/or with a perhaloalkyl or perhaloalkoxy radical, are most particularly preferred. The compounds of the general formula (I) in which R^1 represents a substituted biphenyl radical, for example a trifluoromethylbiphenyl or methyltrifluoromethoxybiphenyl radical, are more particular preferred.

[0042] Among the compounds of the general formula (I), another preferred group of compounds consists of those for which A represents a_2 , the other substituents having the same definitions as those given above, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds; and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0043] Among the above compounds, the ones most particularly preferred are those for which a_2 represents a radical of the formula a_2' below:



in which R^6 and R^7 , which may be identical or different, and independently of each other, have the same definitions as the radicals R^2 and R^3 defined above, the other substituents having the same definitions as those given above,

the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0044] A preferred sub-group of compounds consists of compounds of the general formula (I) in which G represents the radical g1, with Y representing an oxygen atom, R¹ represents a biphenyl radical, optionally substituted by one or more alkyl radicals, preferably methyl, ethyl or propyl, and/or a trifluoromethyl or trifluoromethoxy radical, and A represents a2,

the other substituents being as defined above,

the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0045] In this sub-group, the compounds that are more particularly preferred are those of the general formula (I) in which G represents the radical g1, with Y representing an oxygen atom, R¹ represents a biphenyl radical, optionally substituted by one or more alkyl radicals, preferably methyl, ethyl or propyl, and/or a trifluoromethyl or trifluoromethoxy radical, and A represents a2' as defined above, the other substituents being as defined above,

the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0046] Particularly preferred examples of compounds according to the present invention are chosen from:

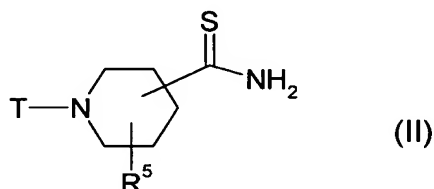
- N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl) 2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- 5 - N-ethyl-N-(1-methyl-2-oxo-2-pyrid-3-ylethyl) 2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl) 2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- N-ethyl-N-(1-methyl-2-oxo-2-pyrid-2-ylethyl) 2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate.
- 10 - N-[cyano(4-fluorophenyl)methyl]-N-phenyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
- N-(α -cyanobenzyl)-N-ethyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
- 15 - 2-{1-[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carboxyl}piperid-4-yl)-1,3-thiazole-4-carboxylic acid
- 1-(4-{4-(3-hydroxypiperid-1-yl)methanoyl}thiazol-2-yl)piperid-1-yl)-1-(4'-trifluoromethylbiphenyl-2-yl)methanone
- N-methyl-N-(1-methyl-2-oxo-2-phenethyl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- 20 - N-methyl-N-(1-methyl-2-oxo-2(S)-phenethyl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- N-(7-oxo-7H-thieno[3,2-b]pyran-6-yl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- 25 - N-(2-methyl-4-oxo-4H-chromen-3-yl)-2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- N-(α -cyanobenzyl)-N-isopropyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide; and
- N-[1-cyano-1-(pyrid-4-yl)methyl]-N-isopropyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
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the optical isomers thereof, oxidized forms, solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid, or the pharmaceutically acceptable prodrugs of these compounds.

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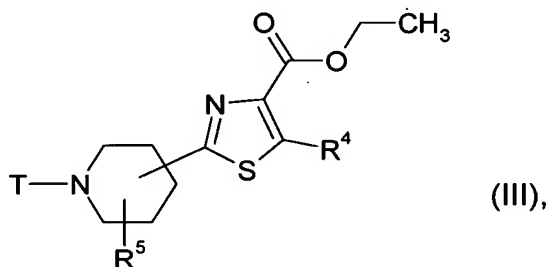
[0047] The compounds of the present invention can be prepared from the compounds of the formula (II):



in which T represents a labile protecting group, for example *tert*-butoxy-carbonyl (BOC), and R⁵ is as defined above,

which is reacted with ethyl R⁴-bromopyruvate, generally in equimolar proportions, in a polar solvent, for example dimethylformamide, in the presence of an excess of base, preferably an organic base, such as triethylamine, at a suitable temperature, for example at room temperature, for a time ranging from 1 to 40 hours and preferably between 4 and 18 hours,

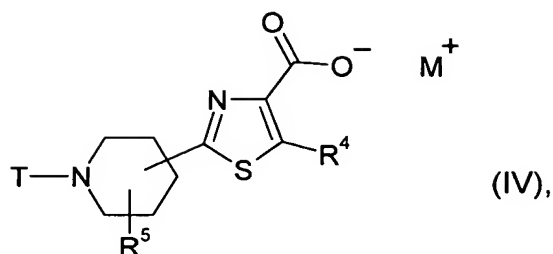
so as to form the thiazolyl ring and give the compound of the formula (III):



in which T, R⁴ and R⁵ are as defined above,

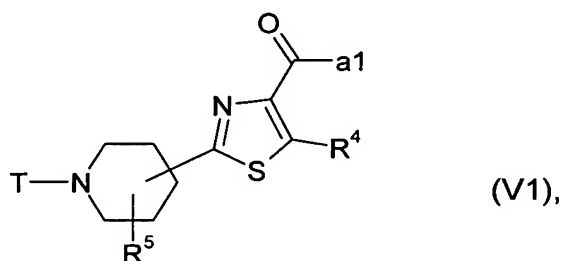
which compound of the formula (III) is then saponified with a base, of alkali metal or alkaline-earth metal hydroxide type, for example sodium hydroxide, in polar medium, for instance tetrahydrofuran and/or water, especially a 2:1 tetrahydrofuran/water mixture, at room temperature, for a time ranging from 1 to 12 hours, so as to form the salt of the formula (IV):

20



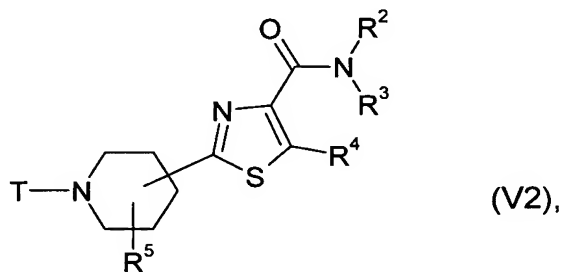
in which T, R⁴ and R⁵ are as defined above, and M⁺ represents the alkali metal or alkaline-earth metal cation derived from the base that is useful for the saponification reaction,

5 which compound of the formula (IV) is next hydrolysed and then/or esterified to a compound of the formula (V1):



in which R⁴, R⁵, a1 and T are as defined above,

or converted into the corresponding amide of the formula (V2):



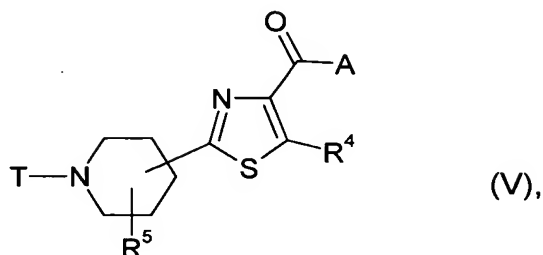
10

in which R², R³, R⁴, R⁵ and T are as defined above,

15

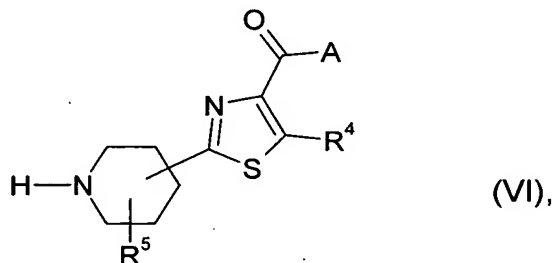
via the action of an amine of the formula HNR²R³, generally in equimolar proportions, in the presence of a base, preferably an organic base, such as diisopropylethylamine (DIPEA), and a catalyst, for example O-benzotriazol-1-yl-N,N,N',N'-tetraethyluronium hexafluorophosphate (HBTU), in a polar aprotic solvent, such as dimethylformamide, at room temperature, for a time that can range from 1 to 50 hours and generally from 4 to 20 hours,

the compounds of the formulae (V1) and (V2) together forming the compound of the formula (V):



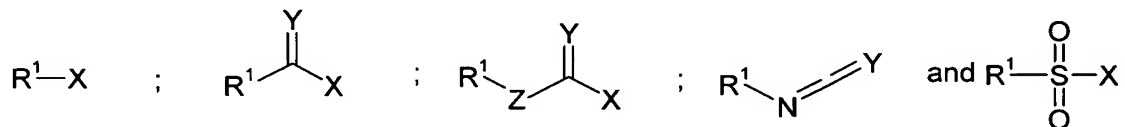
in which R^4 , R^5 , A and T are as defined above,

which compound of the formula (V) is then used in a reaction for deprotection of the amine function of the piperidine ring, via the action of an organic or mineral acid, for example hydrochloric acid or trifluoroacetic acid, in dichloromethane (DCM) or dioxane medium, at room temperature, for a time ranging from a few minutes to a few hours, generally ranging from five minutes to 12 hours, to give the compound of the formula (VI):



which is a special case of the compounds of the formula (I), in which R^1 represents hydrogen, G represents a bond, A, R^4 and R^5 being as defined above,

which is then subjected to the action of a compound chosen from:



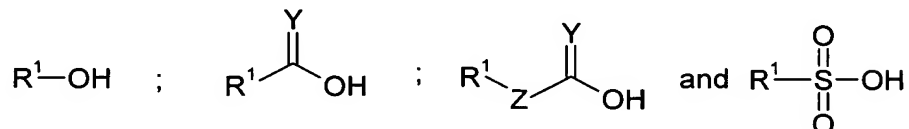
in which X represents a halogen atom, preferably chlorine, R^1 , Y and Z being as defined above,

in the presence of a base, preferably an organic base, such as diisopropylethylamine (DIPEA), and a catalyst, for example O-benzotriazol-1-yl-N,N,N',N'-tetraethyluronium hexafluorophosphate (HBTU), in a polar aprotic sol-

vent, such as dimethylformamide, at room temperature, for a time that can range from 1 to 50 hours and generally from 4 to 20 hours,

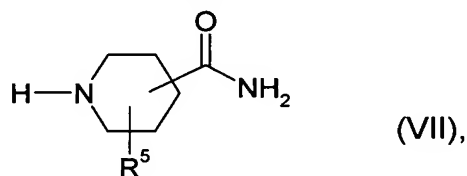
to give the compound of the formula (I) as defined above.

- 5 **[0048]** According to one variant, the compounds of the formula (I) can also be prepared by reacting a compound of the formula chosen from:



in which R¹, Y and Z are as defined above,

with a compound of the formula (VII):

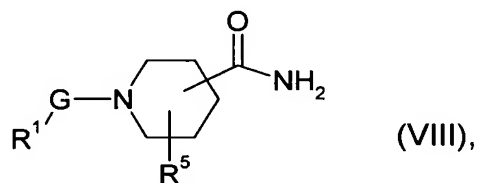


10 in which R⁵ is as defined above,

in the presence of an acyl chloride, such as oxalyl chloride, in basic medium, for example triethylamine, and in an apolar aprotic solvent, for example dichloromethane, at room temperature, for a time ranging from 1 to 50 hours and

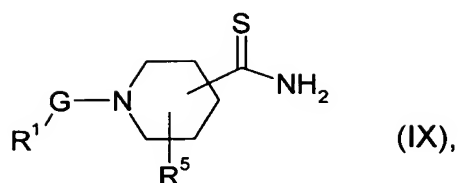
15 generally from 4 to 20 hours,

to give the compound of the formula (VIII):



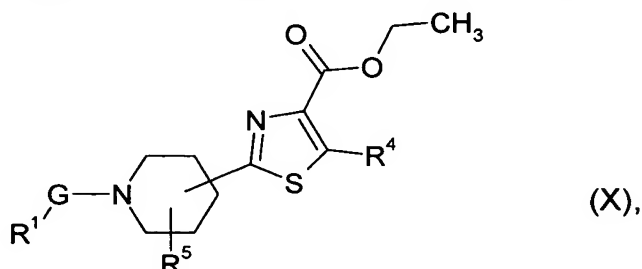
in which G, R¹ and R⁵ are as defined above,

20 which is then converted into the corresponding thioamide of the formula (IX) via the action of Lawesson's reagent, in a polar solvent, for example dimethyl ether, at a temperature of about 50°C, for a time generally of about 2.5 hours:



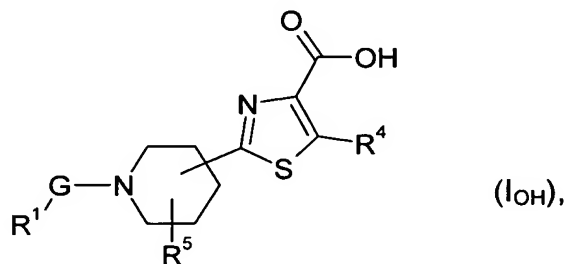
in which G, R¹ and R⁵ are as defined above,

the thiazole ring then being formed in a manner similar to that presented above for the formation of the compound of the formula (III), via the action of ethyl R⁴-bromopyruvate, to give the compound of the formula (X):



in which G, R¹, R⁴ and R⁵ are as defined above,

which compound of the formula (X) is then saponified, in a manner similar to that for the formation of the compound of the formula (IV), to give the acid of the formula (I_{OH}):

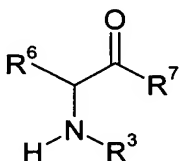


which is a special case of the compound of the formula (I) in which A represents -O-R^{2'}, R^{2'} representing a hydrogen atom,

which compound of the formula (I_{OH}) is then optionally used in an esterification reaction, or subjected to the action of an amine of the formula HNR²R³, in order to give the compounds of the formula (I) in which A represents, respectively, a1, with R^{2'} other than hydrogen, and a2.

[0049] In the processes described above, it should be understood that the operating conditions can vary substantially as a function of the different substituents G, R¹, R², R^{2'}, R³, R⁴, R⁵, R⁶ and R⁷ present in the compounds of the formula (I) that it is desired to prepare. Such variations and adaptations are readily accessible to a person skilled in the art, for example from scientific reviews, the patent literature, Chemical Abstracts, and computer databases, including the Internet.

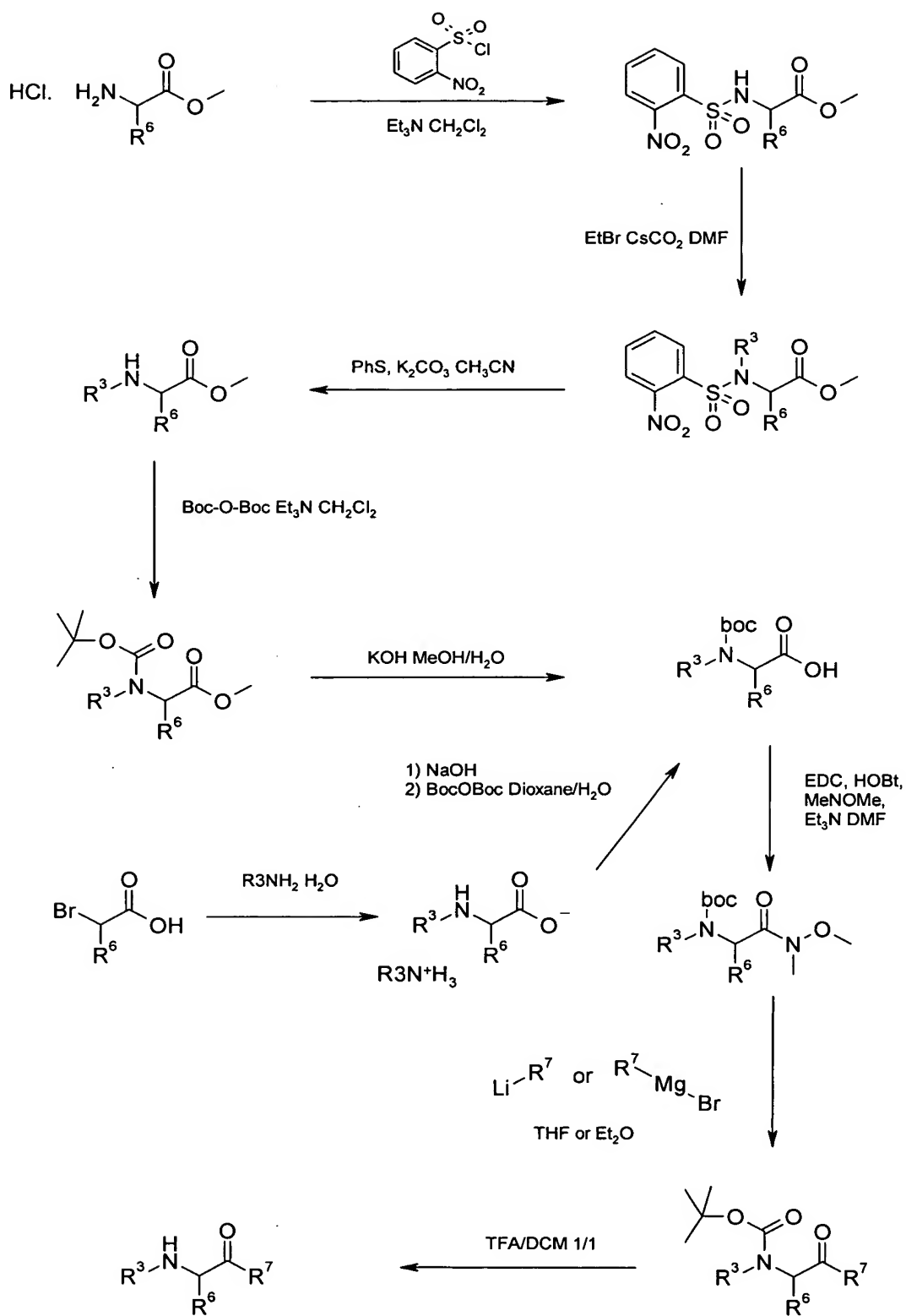
[0050] For the compounds of the general formula (I) for which A represents a2', the intermediate amine H-a2' below:



in which R³, R⁶ and R⁷ are as defined above,

which will be reacted with the compounds of the formulae (V2) and (I_{OH}) defined above,

can advantageously be prepared according to one of the synthetic routes presented in the following scheme, and in which the various substituents are as defined in the present invention:



[0051] The present invention also relates to pharmaceutical compositions comprising an effective pharmaceutical amount of a compound of the formula (I), as defined above, in combination with one or more pharmaceutically acceptable vehicles.

5

[0052] These compositions can be administered orally in the form of immediate-release or controlled-release tablets, gel capsules or granules, intravenously in the form of an injectable solution, transdermally in the form of an adhesive transdermal device, or locally in the form of a solution, cream or gel.

10

[0053] A solid composition for oral administration is prepared by adding to the active principle a filler and, where appropriate, a binder, a disintegrating agent, a lubricant, a colorant or a flavour enhancer, and by forming the mixture into a tablet, a coated tablet, a granule, a powder or a capsule.

15

[0054] Examples of fillers include lactose, corn starch, sucrose, glucose, sorbitol, crystalline cellulose and silicon dioxide, and examples of binders include poly(vinyl alcohol), poly(vinyl ether), ethylcellulose, methylcellulose, acacia, gum tragacanth, gelatin, Shellac, hydroxypropylcellulose, hydroxypropylmethyl-cellulose, calcium citrate, dextrin and pectin.

20

[0055] Examples of lubricants include magnesium stearate, talc, polyethylene glycol, silica and hardened plant oils. The colorant can be any colorant permitted for use in medicaments.

25

[0056] Examples of flavour enhancers include cocoa powder, mint in herb form, aromatic powder, mint in oil form, borneol and cinnamon powder. It should be understood that the tablet or granule may be suitably coated with sugar, gelatin or the like.

30

[0057] An injectable form comprising the compound of the present invention as active principle is prepared, where appropriate, by mixing the said compound with a pH regulator, a buffer agent, a suspension agent, a solubilizer, a stabilizer, a tonicity agent and/or a preserving agent, and by converting the mixture into a form for intravenous, subcutaneous or intramuscular injection, according to a conventional process. Where appropriate, the injectable form obtained can be lyophilized via a conventional process.

[0058] Examples of suspension agents include methylcellulose, polysorbate 80, hydroxyethylcellulose, acacia, powdered gum tragacanth, sodium carboxymethylcellulose and polyethoxylated sorbitan monolaurate.

[0059] Examples of solubilizers include castor oil solidified with polyoxyethylene, polysorbate 80, nicotinamide, polyethoxylated sorbitan monolaurate and the ethyl ester of castor oil fatty acid.

[0060] In addition, the stabilizer includes sodium sulfite, sodium metasulfite and ether, while the preserving agent includes methyl *para*-hydroxybenzoate, ethyl *para*-hydroxybenzoate, sorbic acid, phenol, cresol and chlorocresol.

[0061] A subject of the present invention is also a use of a compound of the formula (I) of the invention for the preparation of a medicament for the treatment of hypertriglyceridaemia, hypercholesterolaemia and dyslipidaemia associated with diabetes, and also for the prevention of and treating obesity.

[0062] The examples that follow illustrate the present invention without limiting it in any way.

Examples of thiazolypiperidine compounds according to the invention

Example 1:

5 **2-[1-(6-Methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazol-4-carbonyl[N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl)]amide**

Step a)

tert-Butyl 4-(4-ethoxycarbonylthiazol-2-yl)piperidine-1-carboxylate

10 *tert*-Butyl 4-(aminocarbothioyl)tetrahydropyridine-1(2H)-carboxylate (Maybridge) (85 mmol; 20.8 g) is dissolved in 250 ml of dimethylformamide and placed at 5°C. Ethyl bromopyruvate (1 eq.; 85 mmol; 16.6 g) dissolved in 50 ml of dimethylformamide is added dropwise. The reaction medium is stirred overnight and excess triethylamine is then added dropwise. The reaction medium is evaporated and the residual brown oil is taken up in ethyl acetate and washed with water
15 (twice) and then with saturated sodium chloride solution (twice). The organic phase is dried over sodium sulfate and evaporated to dryness. The crude product is chromatographed on silica, eluting with dichloromethane to dichloromethane/3% methanol, to give 20.5 g of the expected product in the form of oily crystals. TLC: 1/1 ethyl acetate/hexane: R_f = 0.55

20 Yield = 71 %.

Step b)tert-Butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate

tert-Butyl 4-(4-ethoxycarbonylthiazol-2-yl)piperidine-1-carboxylate (60 mmol; 20.4 g) is dissolved in 225 ml of a mixture of tetrahydrofuran and water (2/1), and 1N sodium hydroxide (2 eq.; 120 mmol; 120 ml) is added dropwise. The reaction medium is stirred at room temperature overnight. The reaction medium is washed with ether and the aqueous phase is then acidified with saturated nitric acid solution. The precipitate is filtered off, washed with water and dried to give 15.5 g of cream-coloured crystals.

TLC: 1/1/1 CH₂Cl₂/EtOAc/MeOH: R_f = 0.6.

Yield: 83%.

Step c)tert-Butyl 4-{4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}-piperidine-1-carboxylate

tert-Butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate (6.5 mmol; 2.03 g) is dissolved in 40 ml of anhydrous dimethylformamide and placed under an inert atmosphere, and 2-(ethylamino)propiophenone hydrochloride (1 eq.; 6.5 mmol; 1.39 g), HBTU (1 eq.; 6.5 mmol; 2.47 g) and *N*-ethyldiisopropylamine (3.5 eq.; 22.75 mmol; 3.97 ml) are then added. The reaction medium is stirred at room temperature overnight. The reaction medium is evaporated to dryness and then taken up in dichloromethane and washed with saturated potassium carbonate (K₂CO₃) solution, citric acid solution and water (twice). The organic phase is dried over sodium sulfate and then evaporated to dryness. The crude product is chromatographed on silica, using a 1/1 ethyl acetate/hexane mixture as eluent (R_f = 0.55) to give 2.6 g of expected product in the form of an oil.

Yield: 85%.

Step d)

4-{4-[Ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}piperidinium chloride

tert-Butyl 4-{4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}-piperidine-1-carboxylate (5.5 mmol; 2.59 g) is dissolved in 13.75 ml of a 4M solution of hydrochloric acid in dioxane. The reaction medium is stirred at room temperature overnight and is then evaporated to dryness to give 2.24 g of a white solid.

Yield = quantitative.

Step e)

2-[1-(6-Methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazol-4-carbonyl[N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl)]amide

The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-{4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}piperidine-1-carboxylate.

TLC: 1/1 CH₂Cl₂/EtOAc: R_f = 0.47

LC-MS: (ES+) 650.4 (M+H)

Yield: 88%.

Example 2:

1-(4-{4-(1-morpholin-4-yl)methanoyl]thiazol-2-yl}piperid-1-yl)-1-(4'-trifluoromethylbiphenyl-2-yl)methanone

Step a)

1-{[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl}piperidine-4-carboxamide

4'-(Trifluoromethyl)-2-biphenylcarboxylic acid (20.5 g; 77 mmol) is dissolved in 340 ml of dimethylformamide and 200 ml of dichloromethane. The reaction medium is placed at 0°C and oxalyl chloride (1.8 eq.; 138.6 mmol; 12 ml) is added. The reaction medium is stirred at room temperature for 3 hours and then evaporated to dryness. The crude product is taken up in 270 ml of dichloro-

methane, followed by addition of a solution of isonipecotamide (0.97 eq.; 74.7 mmol; 9.57 g) and triethylamine (2.7 eq.; 207.9 mmol; 29 ml) in 270 ml of dichloromethane, placed at 0°C. The mixture is allowed to warm to room temperature over 12 hours, saturated aqueous sodium hydrogen carbonate solution is then added (in a 1/1 proportion) and the resulting mixture is stirred for 30 minutes. The organic phase is washed with 1M sodium hydroxide solution and then with water, dried over sodium sulfate and evaporated to dryness. The crude product is dispersed in diisopropyl ether and then filtered off and dried to give 23.09 g of coupling product.

Yield: 79.6 %.

Step b)

1-[[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl]piperidine-4-carbothioamide

1-[[4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl]carboxyl]piperidine-4-carboxamide (11.29 g; 30 mmol) is dissolved in a mixture of Lawesson's reagent (1 eq.; 30 mmol; 12.13 g), dimethyl ether (100 ml) and chloroform (40 ml). The reaction medium is heated at 50°C for 2 hours 30 minutes and then evaporated to dryness and taken up in ethyl acetate. The organic phase is washed with saturated potassium carbonate solution and then with water, dried over sodium carbonate and evaporated to dryness. The yellow solid is dispersed in diisopropyl ether and then filtered off and dried to give 10.5 g of product.

Yield: 89 %.

Step c)

Ethyl 2-{1-[[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl]piperidine-4-yl}-1,3-thiazole-4-carboxylate

1-[[4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl]piperidine-4-carbothioamide (10.5 g; 26.75 mmol) is dissolved in 100 ml of dimethylformamide and placed at 0°C. 90% [lacuna] bromopyruvate (1 eq.; 26.75 mmol; 3.73 ml) is added, the mixture is left at 0°C for 30 minutes and is then allowed to warm to room temperature over 12 hours, followed by addition of 10 ml of triethylamine. The reaction

medium is evaporated and the crude product is then extracted three times with ethyl acetate. The organic phase is washed with saturated aqueous sodium chloride solution (three times), with water (once) and again with sodium chloride, and is then dried over sodium sulfate and evaporated to dryness. The residue is chromatographed on silica (eluent: 97/3 dichloromethane/methanol) to give 10.33 g of the expected product.

Yield: 79 %.

Step d)

2-{1-[4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl]carboxyl}piperid-4-yl}-1,3-thiazole-4-carboxylic acid

The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate.

Yield: quantitative.

Step e)

1-(4-{4-(1-Morpholin-4-yl)methanoyl}thiazol-2-yl)piperid-1-yl)-1-(4'-trifluoromethyl-biphenyl-2-yl)methanone

The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-{4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl}piperidine-1-carboxylate.

Yield: 87%.

As an additional example, the procedure below shows a synthetic route that can be used for the preparation of an amine of the formula H-a2':

Preparation of 2-ethylamino-1-pyrid-2-ylpropan-1-one in the form of the acid salt with bis-trifluoroacetic acid

Step a)

Methyl 2-(2-nitrobenzenesulfonylamino)propionate

5 DL-Alanine methyl ester hydrochloride (13.96 g; 0.1 mol) is dissolved in 800 ml of dichloromethane and placed at 0°C. Triethylamine (2.3 eq.; 230 mmol; 32 ml) is added dropwise, along with portionwise addition of 2-nitrobenzenesulfonyl chloride (1 eq.; 100 mmol; 22.16 g), and the reaction medium is allowed to return to room temperature overnight. The reaction medium is washed with water
10 and then dried over sodium sulfate, filtered through silica and evaporated to dryness to give 25.3 g of solid corresponding to the title compound.

Yield: 88 %.

Step b)

Methyl 2-[ethyl(2-nitrobenzenesulfonyl)amino]propionate

15 Methyl 2-(2-nitrobenzenesulfonylamino)propionate (17 g; 59 mmol) is dissolved in 600 ml of dimethylformamide, and caesium carbonate (1.5 eq.; 88 mmol; 28.6 g) is then added. The reaction medium is stirred for 30 minutes at room temperature, followed by dropwise addition of ethyl bromide (4 eq.; 236 mmol; 20 17.6 ml) and the resulting mixture is stirred overnight at room temperature. The reaction medium is evaporated to dryness, taken up in dichloromethane, filtered and evaporated to dryness. The crude product is chromatographed on silica (eluting with dichloromethane) to give 17.1 g of the expected product.

Yield: 92 %.

Step c)

Methyl 2-ethylaminopropionate

25 Methyl 2-[ethyl(2-nitrobenzenesulfonyl)amino]propionate (8.07 g; 25.5 mmol) is dissolved in 250 ml of acetonitrile, and thiophenol (1.12 eq.; 30 28.7 mmol; 2.93 ml) and K₂CO₃ (3.25 eq.; 82.9 mmol; 11.45 g) are then added. The reaction medium is stirred overnight at room temperature. The crude product

is evaporated to dryness and then taken up in ether. The organic phase is acidified with 1N hydrochloric acid and then washed with water. The aqueous phases are combined and then washed with ether and basified with potassium carbonate. The basic aqueous phase is extracted with ether three times. The three ether phases
5 are washed with water and then with saturated aqueous sodium chloride solution, dried over sodium sulfate and evaporated to dryness to give 1.04 g of the expected product.

Yield: 31 %.

10 Step d)

Methyl 2-(tert-butoxycarbonylethylamino)propionate

Methyl 2-ethylaminopropionate (0.96 g; 7.3 mmol) is dissolved in 10 ml of dichloromethane, and triethylamine (1 eq.; 7.3 mmol; 1 ml) and Boc-O-Boc (1.1 eq.; 8 mmol; 1.75 g) are added. The reaction medium is stirred for 12 hours at
15 room temperature and then washed with water, dried over sodium sulfate and evaporated to dryness to give 1.28 g of the expected product.

Yield: 76 %.

Step e)

20 2-(tert-Butoxycarbonylethylamino)propionic acid

Methyl 2-(tert-butoxycarbonylethylamino)propionate (1.27 g; 5.5 mmol) is dissolved in 5 ml of methanol, and potassium hydroxide (1.2 eq.; 6.6 mmol; 0.37 g) dissolved in 1.6 ml of water is then added. The reaction medium is left at room temperature for 12 hours and then evaporated to dryness, taken up in water and
25 washed with ether. The aqueous phase is acidified by adding 1N hydrochloric acid and extracted three times with ether. The organic phases are combined, dried over sodium sulfate and evaporated to dryness to give 0.88 g of a white solid.

Yield: 74 %.

Step e bis): Alternative route:

DL-2-Bromopropionic acid (76.5 g; 0.5 mol) is dissolved in 250 ml of water and 70% ethylamine (4.7 eq.; 2.3 mol; 150 g) is added dropwise. The reaction medium is stirred at room temperature for 12 hours and then evaporated to dryness and taken up in 400 ml of water comprising 40 g of sodium hydroxide (1.0 mol). The reaction medium is again evaporated to dryness.

The crude product is dissolved in 500 ml of water and 250 ml of dioxane. The reaction medium is placed at 0°C and di(*tert*-butyl) carbonate (1.1 eq.; 0.55 mol; 120 g) dissolved in 200 ml of dioxane is added dropwise. The pH is maintained at 10 by adding sodium hydroxide. The reaction medium is stirred at room temperature for 24 hours and then filtered. The filtrate is concentrated and then taken up in 700 ml of water and acidified to pH 2-3 with citric acid. The precipitate is filtered off and dried (108.6 g).

Yield: 62 %.

Step f)Dimethyl ethyl ethyl[1-(methoxymethylcarbamoyl)ethyl]carbamate

2-(*tert*-Butoxycarbonyl)ethylamine (40 mmol; 873 mg) is dissolved in 5 ml of dimethylformamide, and N,O-dimethylhydroxylamine hydrochloride (1.25 eq.; 5.0 mmol; 490 mg), HOBT (1.25 eq.; 5.0 mmol; 676 mg), triethylamine (1.25 eq.; 5.0 mmol; 0.7 ml) and EDC (1.25 eq.; 5.0 mmol; 960 mg) are added. The reaction medium is stirred for 12 hours and then evaporated to dryness. The crude product is extracted with ether, washed successively, twice with aqueous 4% citric acid solution, twice with aqueous 4% sodium hydrogen sulfite solution, with water and then with saturated sodium chloride solution. The organic phase is dried over sodium sulfate, evaporated to dryness and chromatographed on silica (eluent: 1/2 ethyl acetate/hexane; R_f = 0.45) to give 795 mg of a colourless product.

Yield: 76 %.

Step g)tert-Butyl ethyl(1-methyl-2-oxo-2-pyrid-2-ylethyl)carbamate

2-Bromopyridine (7.0 mmol; 667 μ L) is dissolved in 40 ml of anhydrous tetrahydrofuran and placed at -100°C , followed by dropwise addition of a 1.6M solution of n-butyllithium in hexane (1 eq.; 7.0 mmol; 4.375 ml). The reaction medium is stirred for 30 minutes and dimethyl ethyl ethyl[1-(methoxymethyl-carbamoyl)ethyl]carbamate (1 eq.; 7.0 mmol; 1.822 g) dissolved in 20 ml of anhydrous tetrahydrofuran is added dropwise. The reaction medium is stirred at -100°C for 1 hour 30 minutes. The reaction medium is then removed from the ice bath, 200 ml of saturated aqueous sodium chloride solution are added and the mixture is then extracted with ether. The organic phase is dried over sodium sulfate, evaporated to dryness and chromatographed on silica (eluent: 1/2 ethyl acetate/heptane; $R_f = 0.23$) to give 1.04 g of the expected product.

Yield: 53 %.

Step h)2-Ethylamino-1-pyrid-2-ylpropan-1-one – acid salt with bis-trifluoroacetic acid

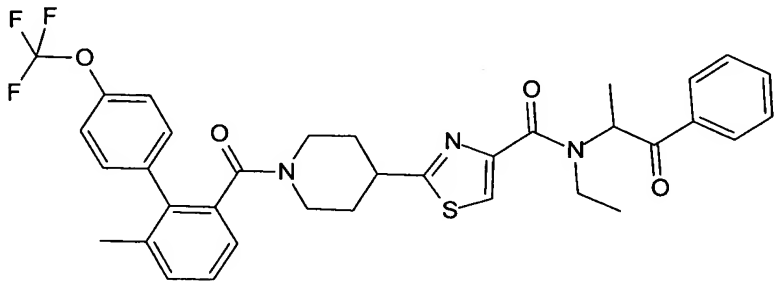
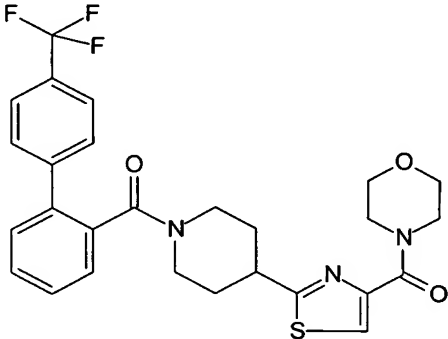
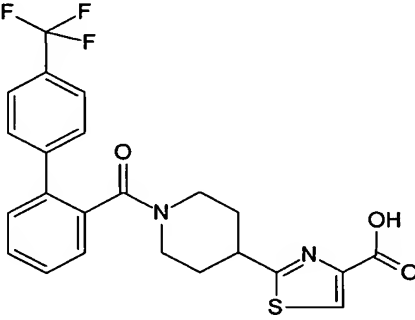
tert-Butyl ethyl(1-methyl-2-oxo-2-pyrid-2-ylethyl)carbamate (1.03 g; 3.7 mmol) is dissolved in 30 ml of a 1/1 dichloromethane/trifluoroacetic acid mixture. The reaction medium is stirred for one hour at room temperature and then evaporated to dryness to give 1.5 g of the expected salt.

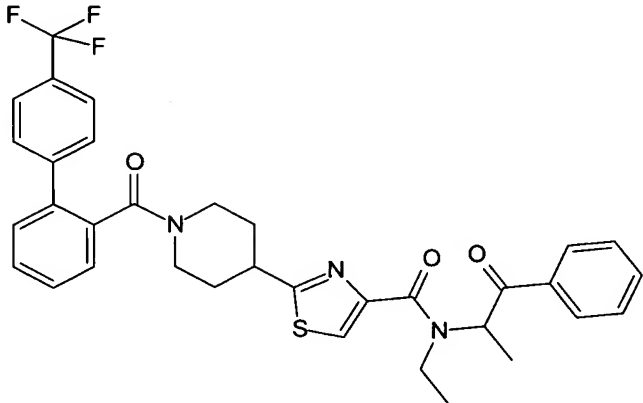
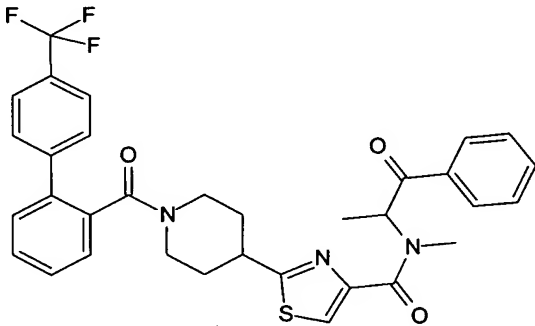
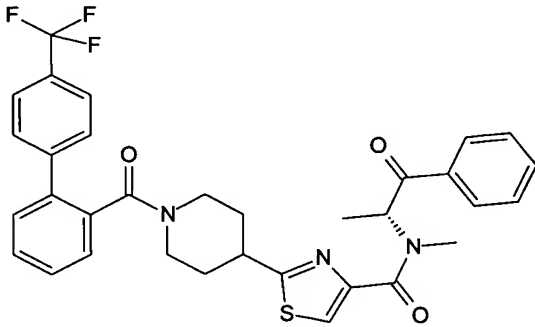
Yield: quantitative.

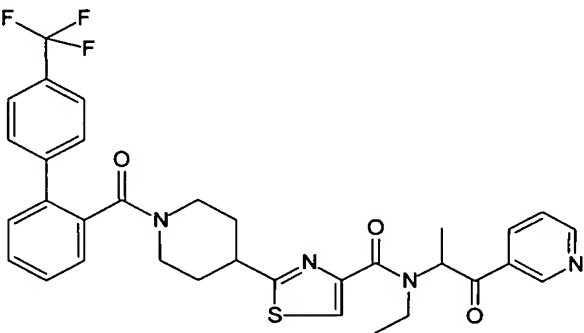
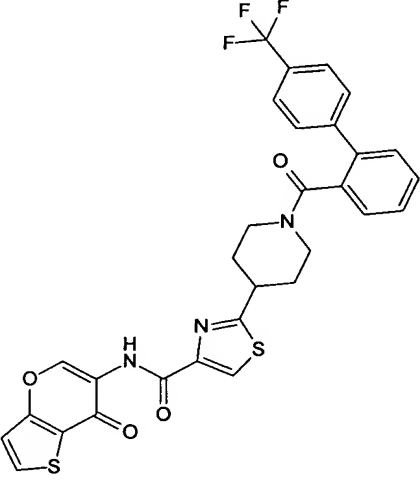
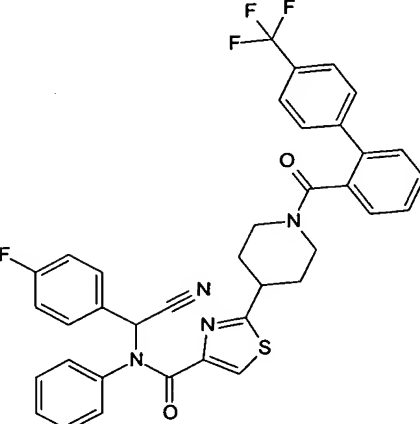
The compounds of the general formula (I) presented in the table below were prepared according to procedures similar to those described above.

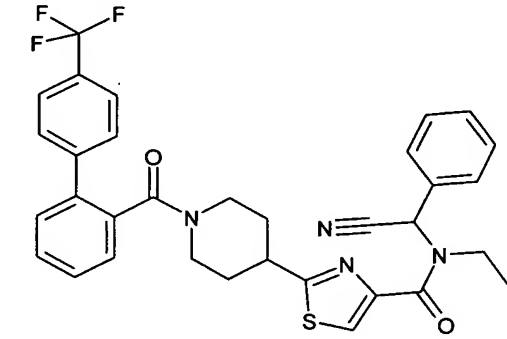
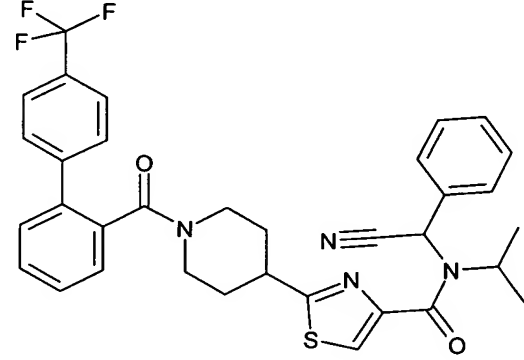
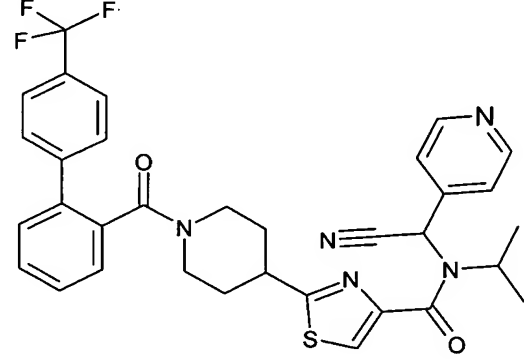
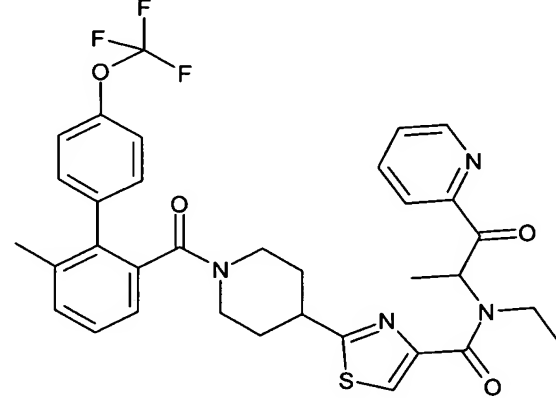
Other examples of compounds included in the scope of the present invention are presented in Table 1 below. All these compounds are obtained according to procedures similar to those presented above.

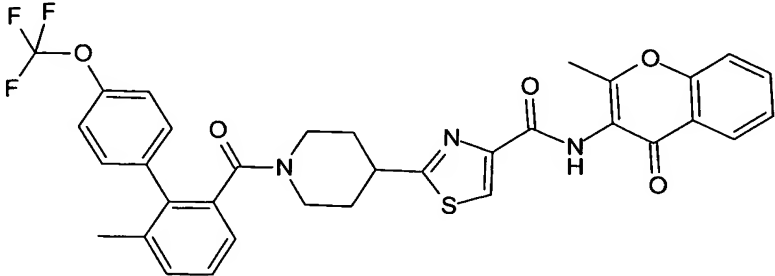
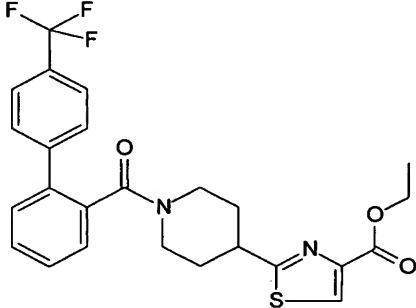
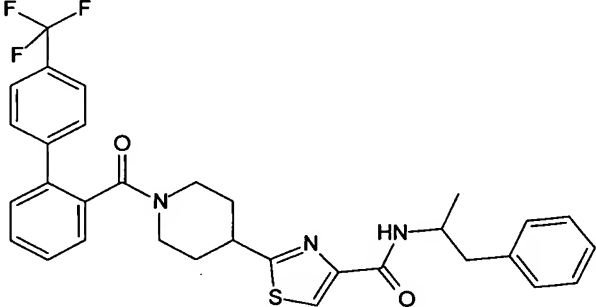
TABLE 1

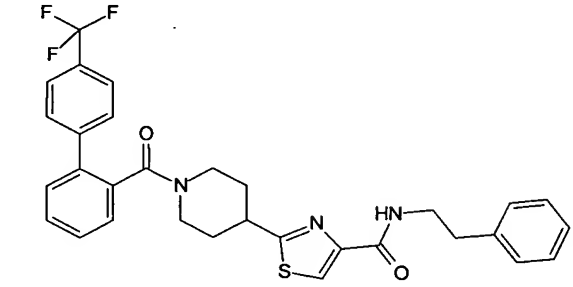
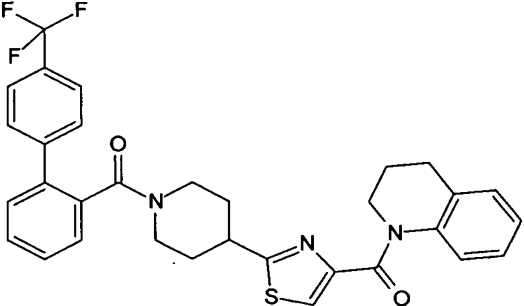
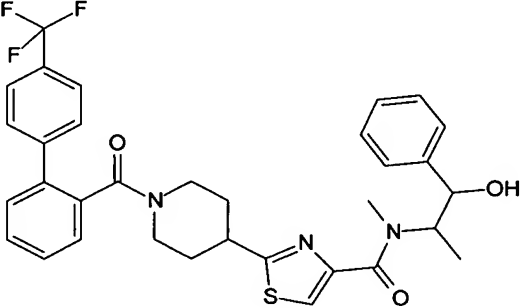
| No. | FORMULA | NMR or mass |
|-----|---|---|
| 1 |  | (CDCl ₃) : 1.27-1.22 (19H, m) ; 1.25-1.23 (1H, m) ; 1.27-1.24 (1H, m) ; 1.25-1.27 (13H, m). |
| 2 |  | (CDCl ₃) : 1.29-1.24 (16H, m) ; 1.29-1.24 (1H, m) ; 1.29-1.26 (9H, m). |
| 2d |  | (DMSO-d ₆) : 1.23-1.29 (8H, m) ; 1.23-1.28 (1H, m) ; 1.21-1.20 (8H, m) ; 1.28-1.20 (1H, m) ; 11.29 (1H, s large). |

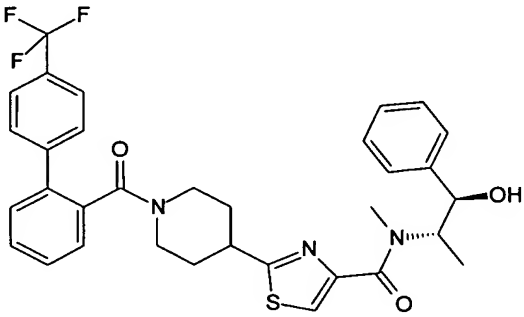
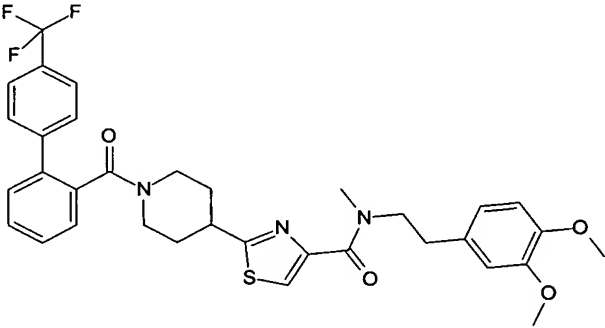
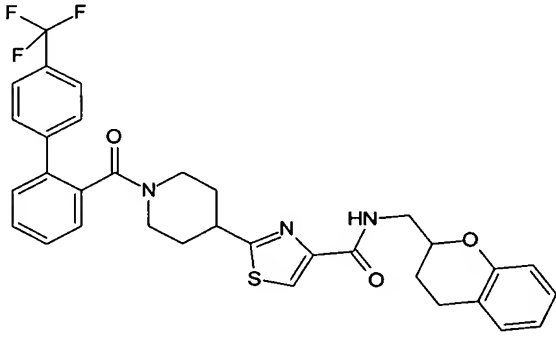
| No. | FORMULA | NMR or mass |
|-----|--|--|
| 3 |  | (CDCl ₃) : 1.29-1.29 (3H, m) ; 1.29-1.25 (3H, m) ; 1.29-1.27 (7H, m) ; 1.21-1.22 (4H, m) ; 1.28-1.27 (1H, m) ; 1.20-1.25 (14H, m). |
| 4 |  | (CDCl ₃) : 1.20-1.25 (3H, d, J = 1.2 Hz) ; 1.27- 1.28 (12H, m) ; 1.27-1.29 (1H, m) ; 1.28-1.20 (14H, m). |
| 5 |  | (CDCl ₃) 1.23- 1.24 (3H, d, J = 1.2 Hz) ; 1.26-1.20 (11H, m) ; 1.21-1.20 (1H, m) ; 1.21-1.23 (1H, m) ; 1.29-1.20 (14H, m). |

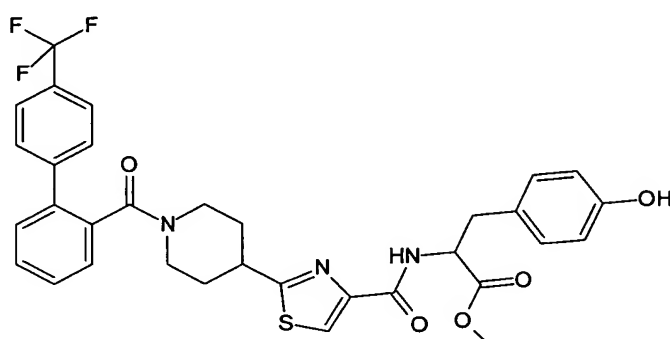
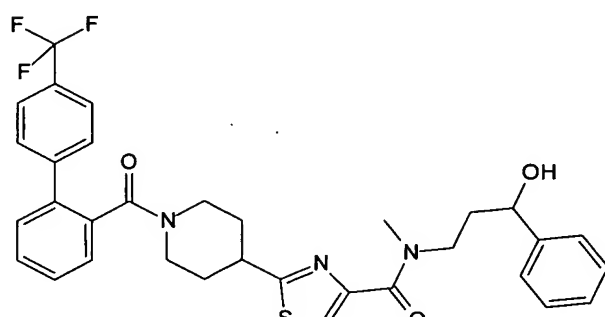
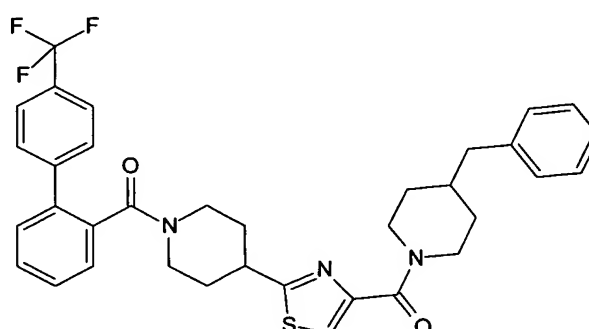
| No. | FORMULA | NMR or mass |
|-----|---|---|
| 6 |  | (CDCl ₃) : 1.23-1.24 (16H, m) ; 1.28-1.22 (1H, m) ; 1.21-1.24 (1H, m) ; 1.21-1.28 (13H, m). |
| 7 |  <p data-bbox="313 1224 1230 1287">N-(7-oxo-7H-thieno[3,2-b]pyran-6-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | LC-MS : (ES+) 701.2 (M+H) |
| 8 |  | LC-MS : (ES+) 661.2 (M+H) |

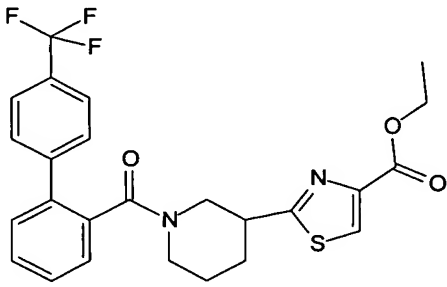
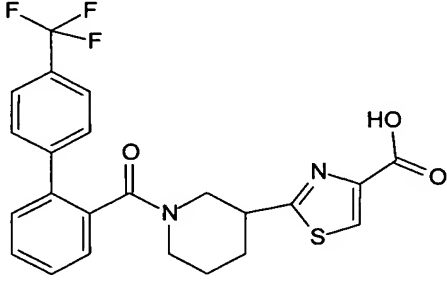
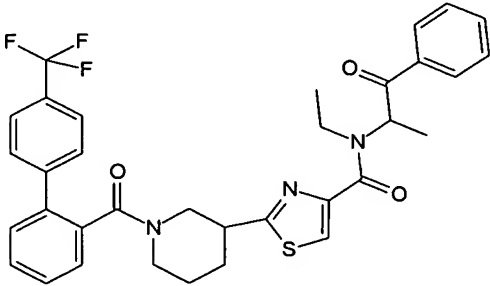
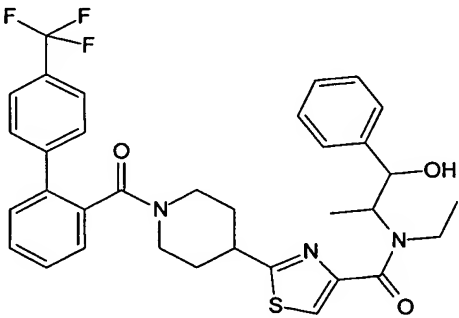
| No. | FORMULA | NMR or mass |
|-----|--|---------------------------------|
| 9 |  | |
| 10 |  | |
| 11 |  | |
| 12 |  | LC-MS : (ES+) 651.2 (M+H) |

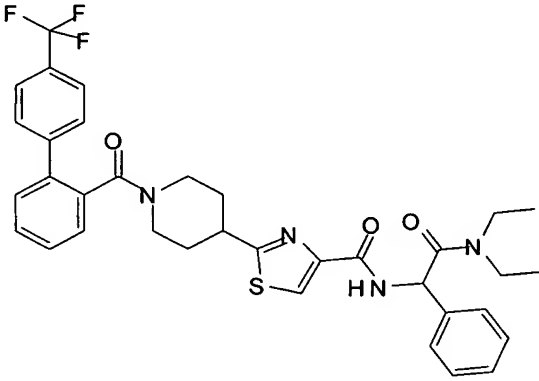
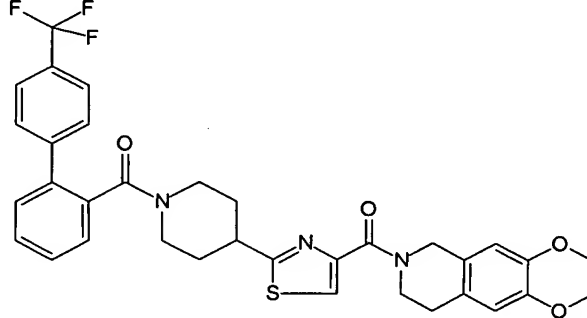
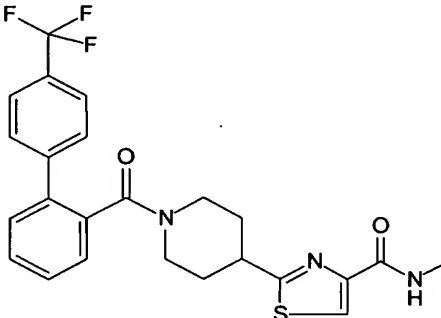
| No. | FORMULA | NMR or mass |
|-----|--|---|
| 13 |  | (CDCl ₃) : 1.25-1.21 (14H, m) ; 1.27-1.25 (1H, m) ; 1.29-1.24 (1H, m) ; 1.20-1.21 (9H, m) ; 1.23-1.25 (2H, m) ; 1.20-1.29 (1H, m). |
| 14 |  | (DMSO-d ₆) : 1.27 (3H, t, J = 1.2 Hz) ; 1.21-1.22 (4H, m) ; 1.22-1.27 (4H, m) ; 1.26 (4H, q, J = 1.2 Hz) ; 1.26- 1.26 (1H, m) ; 1.20-1.28 (8H, m) ; 1.29 (1H, s). |
| 15 |  | (CDCl ₃) : 1.28 (3H, d, J = 1.2 Hz) ; 1.26-1.24 (4H, m) ; 1.21-1.23 (5H, m) ; 1.25-1.28 (1H, m) ; 1.28-1.29 (1H, m) ; 1.23-1.27 (1H, m) ; 1.29-1.26 (14H, m) ; 1.22 (1H, s). |

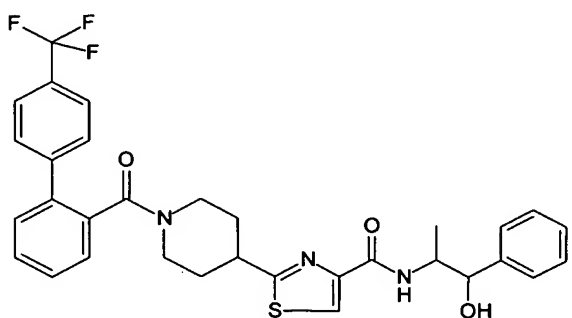
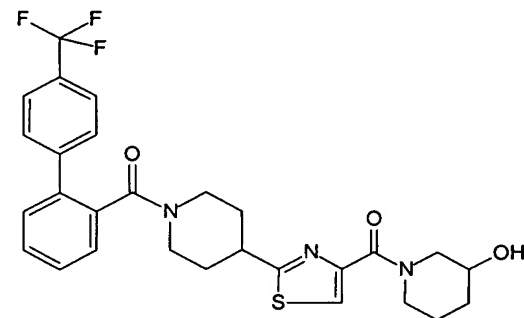
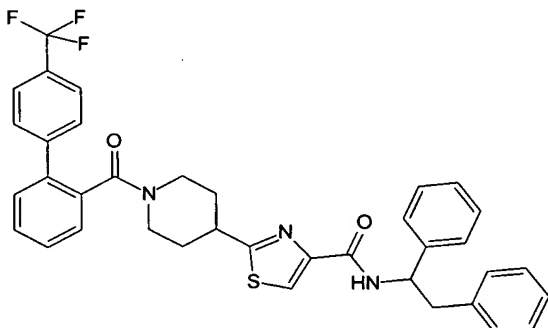
| No. | FORMULA | NMR or mass |
|-----|---|--|
| 16 |  | (CDCl ₃) : 1.27-1.24 (2H, m) ; 1.20-1.27 (6H, m) ; 1.21-1.20 (4H, m) ; 1.20-1.23 (1H, m) ; 1.27-1.26 (7H, m) ; 1.26-1.26 (7H, m) ; 1.27-1.28 (1H, m) . |
| 17 |  | (CDCl ₃) : 1.26-1.26 (2H, m) ; 1.22-1.28 (4H, m) ; 1.22-1.28 (8H, m) ; 1.29-1.24 (1H, m) ; 1.20-1.23 (5H, m) ; 1.21-1.23 (8H, m) . |
| 18 |  | (CDCl ₃) : 1.21 (3H, s) ; 1.23 (3H, s) ; 1.24-1.24 (7H, m) ; 1.25-1.26 (1H, m) 1.26- 1.28 (3H, m) ; 1.23-1.21 (14H, m) |

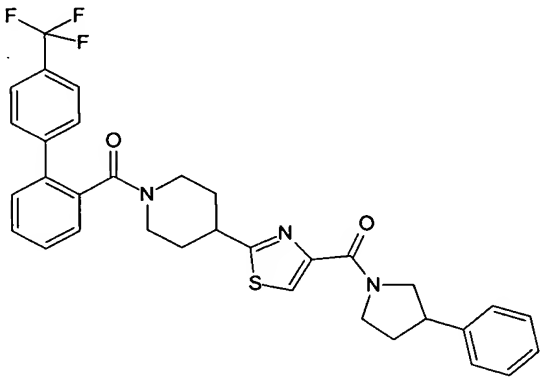
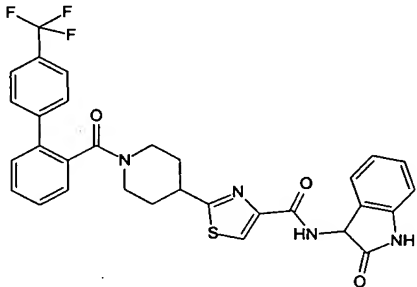
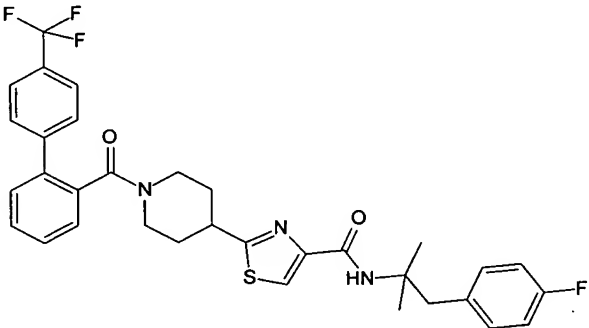
| No. | FORMULA | NMR or mass |
|-----|---|---|
| 19 |  | (CDCl ₃) ; 1.25-1.20 (3H, m) ; 1.23-1.22 (10H, m) ; 1.23-1.21 (1H, m) ; 1.26-1.23 (1H, m) ; 1.23-1.26 (2H, m) ; 1.28-1.26 (14H, m). |
| 20 |  | (CDCl ₃) : 1.20-1.28 (12H, m) ; 1.28-1.25 (1H, m) ; 1.20-1.27 (8H, m) ; 1.27-1.24 (1H, m) ; 1.29-1.26 (3H, m) ; 1.21-1.25 (9H, m). |
| 21 |  | (CDCl ₃) ; 1.27-1.27 (4H, m) ; 1.21-1.21 (6H, m) ; 1.23-1.22 (3H, m) ; 1.21-1.27 (2H, m) ; 1.24-1.26 (1H, m) ; 1.29-1.28 (5H, m) ; 1.22-1.26 (8H, m) ; 1.29-1.22 (1H, m). |

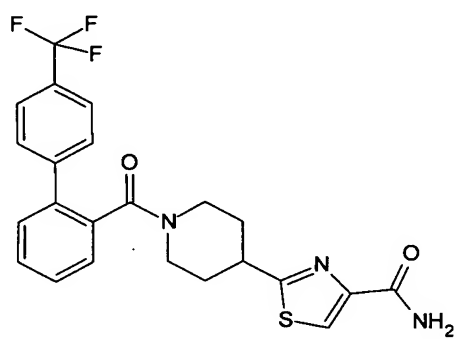
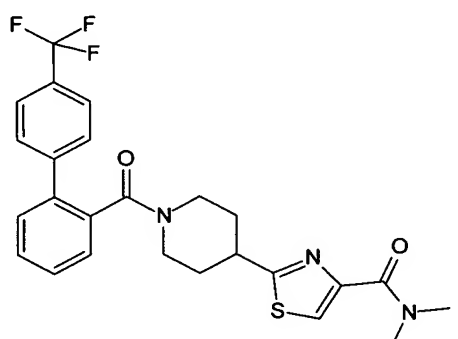
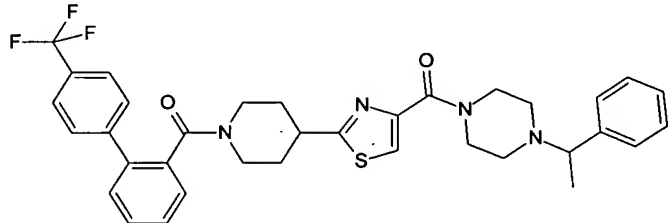
| No. | FORMULA | NMR or mass |
|-----|---|---|
| 22 |  | (CDCl ₃) : 1.24-1.21 (4H, m) ; 1.20-1.24 (6H, m) ; 1.29-1.26 (3H, m) ; 1.29-1.24 (1H, m) ; 1.24-1.20 (1H, m) ; 1.24-1.28 (2H, m) ; 1.20-1.26 (2H, m) ; 1.22-1.25 (9H, m) ; 1.21-1.20 (1H, m). |
| 23 |  | (CDCl ₃) : 1.27-1.28 (4H, m) ; 1.29-1.26 (2H, m) ; 1.26 (3H, s) ; 1.24- 1.26 (4H, m) ; 1.28-1.22 (2H, m) ; 1.21-1.28 (3H, m) ; 1.26-1.29 (14H, m). |
| 24 |  | (CDCl ₃) : 1.26-1.28 (7H, m) ; 1.22-1.25 (10H, m) ; 1.21-1.25 (3H, m) ; 1.21-1.24 (7H, m) ; 1.25-1.25 (7H, m). |

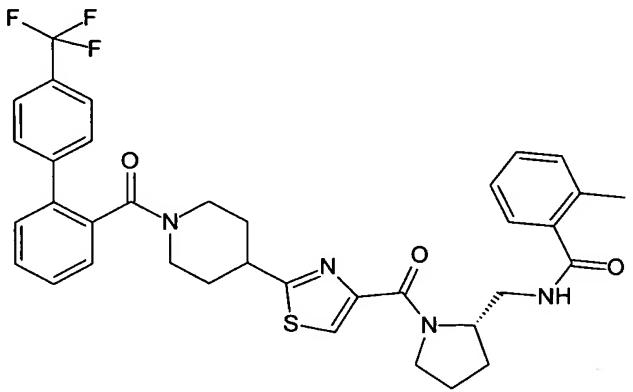
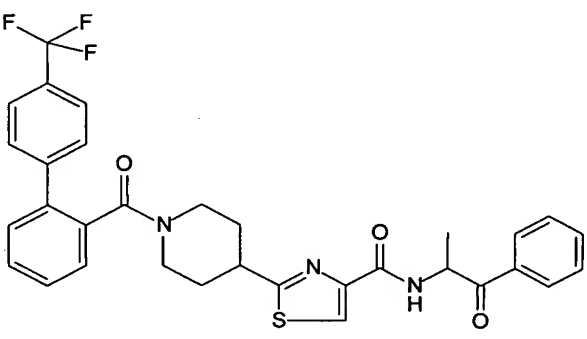
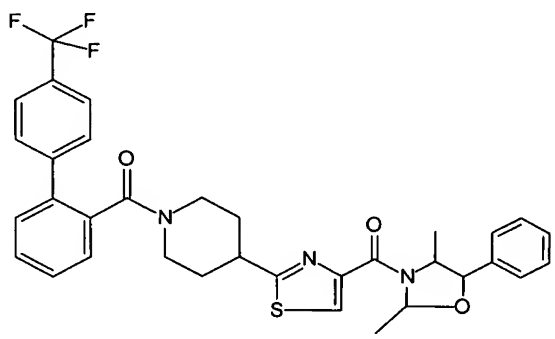
| No. | FORMULA | NMR or mass |
|-----|---|--|
| 25 |  | (DMSO-d6) : 1.28-1.27 (3H, m); 1.20-1.24 (8H, m); 1.21-1.28 (3H, m); 1.27-1.26 (8H, m); 1.24-1.22 (1H, m). |
| 26 |  | (DMSO-d6) : 1.24-1.22 (4H, m); 1.24-1.22 (4H, m); 1.29-1.20 (1H, m); 1.29-1.24 (8H, m); 1.23-1.22 (1H, m); 11.27 (1H, s large). |
| 27 |  | (DMSO-d6) : 1.24-1.25 (6H, m); 1.23-1.25 (10H, m); 1.20-1.24 (1H, m); 1.28-1.26 (1H, m); 1.23-1.27 (14H, m). |
| 28 |  | (CDCl3) : 1.29-1.23 (6H, m); 1.27-1.21 (10H, m); 1.23-1.28 (3H, m); 1.24-1.24 (1H, m large) ; 1.22-1.22 (14H, m). |

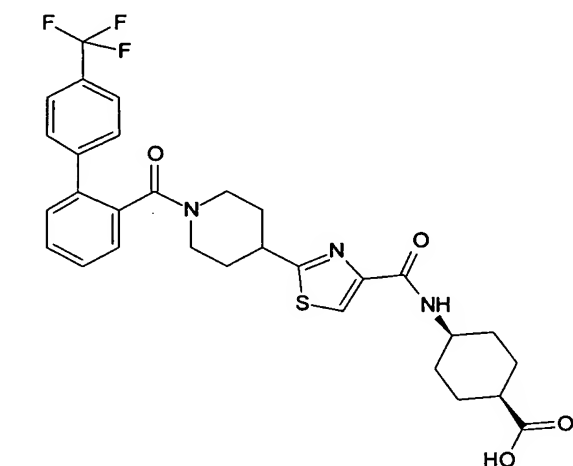
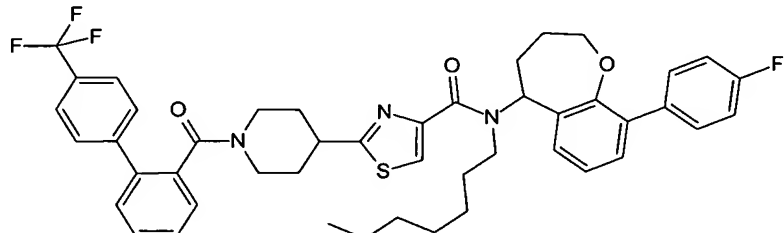
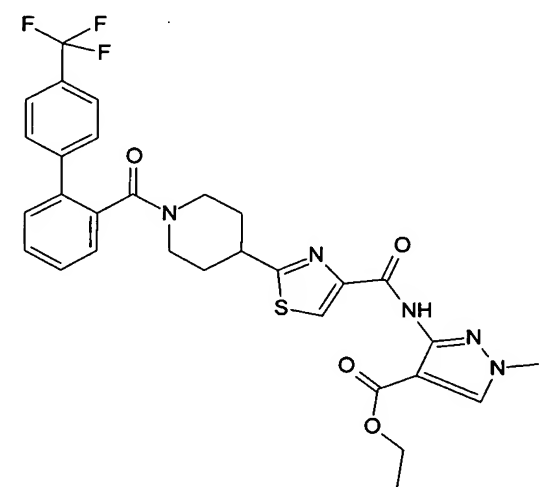
| No. | FORMULA | NMR or mass |
|-----|--|--|
| 29 |  <p data-bbox="316 745 1226 808">N-[2-(diethylamino)-2-oxo-1-phenylethyl]-2-(1-([4'-(trifluoromethyl)-biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | <p data-bbox="1250 451 1421 682">(DMSO-d₆) : 1.22-1.26 (18H, m) ; 1.23-1.28 (1H, m) ; 1.20-1.22 (1H, m) ; (15H, m).</p> |
| 30 |  | <p data-bbox="1250 829 1421 1207">(CDCl₃) : 1.20-1.21 (8H, m) ; 1.26-1.27 (1H, m) ; 1.28-1.27 (1H, m) ; 1.27-1.27 (8H, m) ; 1.20-1.25 (3H, m) ; 1.22 (1H, s) ; 1.24- 1.29 (10H, m).</p> |
| 31 |  | <p data-bbox="1250 1239 1421 1596">(CDCl₃) : 1.22-1.25 (3H, m) ; 1.27-1.27 (7H, m) ; 1.24-1.20 (1H, m) ; 1.28-1.21 (1H, m) ; 1.25-1.22 (9H, m) ; 1.22-1.28 (1H, m).</p> |

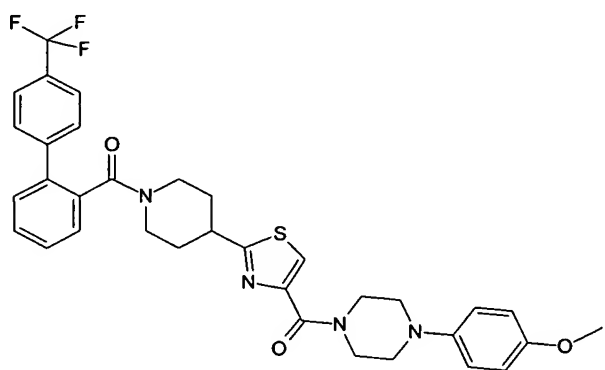
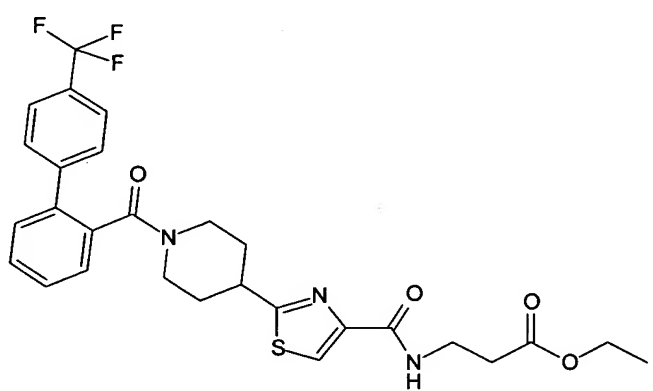
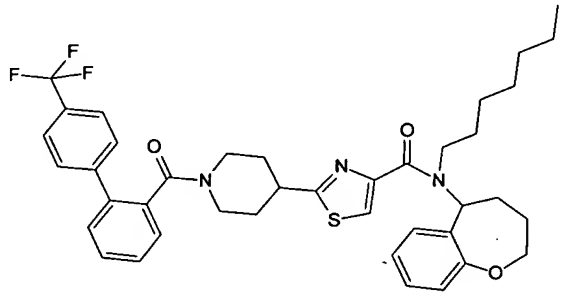
| No. | FORMULA | NMR or mass |
|-----|---|--|
| 32 |  | (CDCl ₃) : 1.21-1.26 (3H, m) ; 1.23-1.27 (6H, m) ; 1.26-1.24 (2H, m) ; 1.29-1.21 (1H, m) ; 1.22-1.24 (1H, m) ; 1.26-1.22 (1H, m) ; 1.24-1.20 (15H, m) ; 1.28-1.21 (1H, m). |
| 33 |  | (CDCl ₃) : 1.23-1.25 (9H, m) ; 1.29-1.29 (4H, m) ; 1.29-1.24 (2H, m) ; 1.28-1.29 (3H, m) ; 1.23-1.27 (10H, m). |
| 34 |  | (CDCl ₃) : 1.24-1.28 (7H, m) ; 1.20-1.29 (3H, m) ; 1.26-1.22 (1H, m) ; 1.26-1.25 (1H, m) ; 1.29-1.26 (20H, m). |

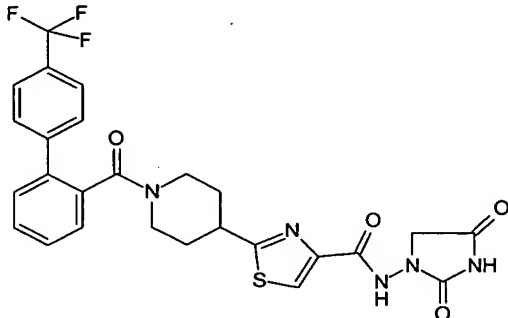
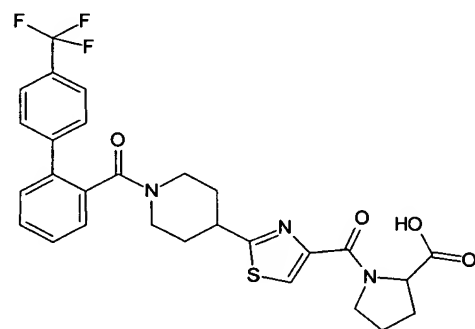
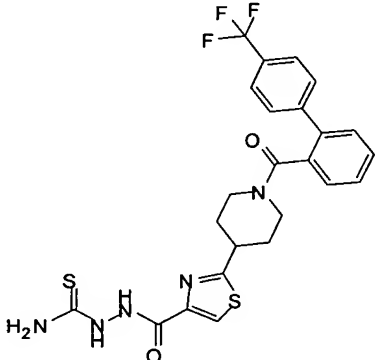
| No. | FORMULA | NMR or mass |
|-----|---|--|
| 35 |  | (CDCl ₃) : 1.29-1.24 (8H, m) ; 1.25-1.23 (7H, m) ; 1.26-1.25 (1H, m) ; 1.27-1.27 (13H, m) ; 1.28-1.22 (1H, m). |
| 36 |  <p>N-(2-oxo-2,3-dihydro-1H-indol-3-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | (CDCl ₃) : 1.22-1.29, (7H, m) ; 1.291.26 (2H, m) ; 1.26-1.21 (1H, m) ; 1.28-1.25 (15H, m). |
| 37 |  <p>N-[2-(4-fluorophenyl)-1,1-dimethylethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | (CDCl ₃) : 1.21 (6H, s) ; 1.20-1.23 (7H, m) ; 1.26-1.20 (2H, m) ; 1.22-1.23 (1H, m) ; 1.22-1.20 (1H, m) ; 1.26-1.24 (13H, m) ; 1.23 (1H, s). |

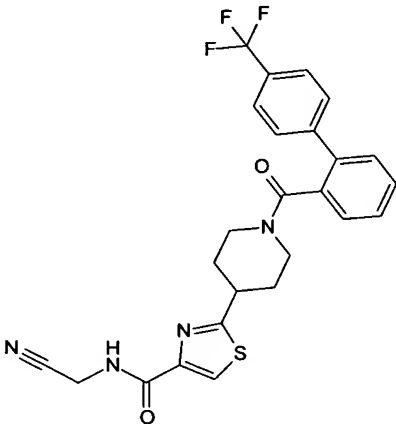
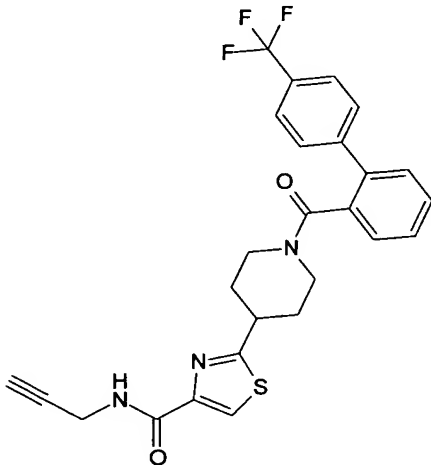
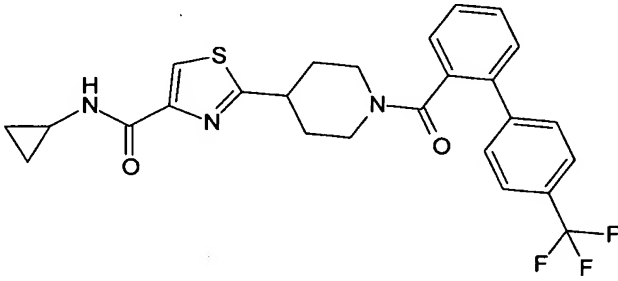
| No. | FORMULA | NMR or mass |
|-----|---|--|
| 38 |  | (CDCl ₃) : 1.21-1.23 (7H, m) ; 1.26-1.28 (1H, m) ; 1.20-1.28 (1H, m) ; 1.22 (1H, s large) ; 1.29 (1H, s large) ; 1.23- 1.27 (8H, m) ; 1.26-1.22 (1H, m). |
| 39 |  | (CDCl ₃) : 1.24-1.24 (6H, m) ; 1.24-1.24 (7H, m) ; 1.24-1.23 (1H, m) ; 1.28-1.25 (1H, m) ; 1.21-1.25 (9H, m). |
| 40 |  <p>1-(1-phenylethyl)-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine</p> | (CDCl ₃) : 1.27-1.24 (3H, m) ; 1.26-1.21 (11H, m) ; 1.28-1.23 (2H, m) ; 1.23-1.27 (4H, m) ; 1.20-1.24 (1H, m) ; 1.24-1.26 (14H, m). |

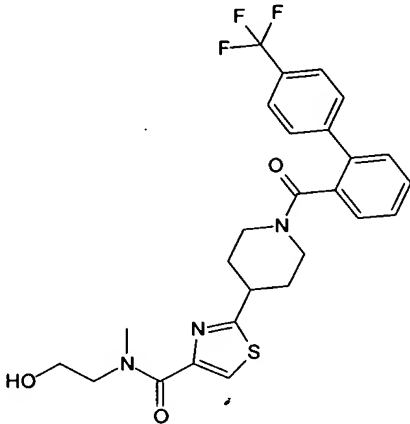
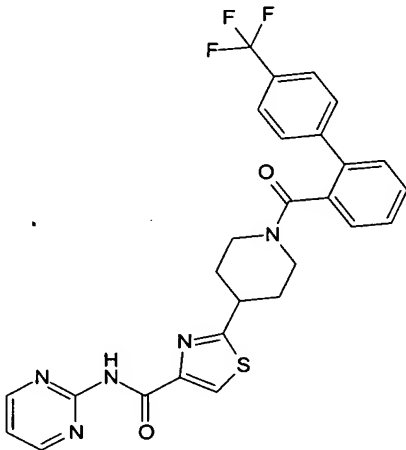
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|-----|---|---|
| 41 |  | (CDCl ₃) : 1.23-1.22 (17H, m) ; 1.29-1.27 (2H, m) ; 1.22-1.29 (2H, m) ; 1.22-1.21 (2H, m) ; 1.23-1.20 (12H, m). |
| 42 |  | (CDCl ₃) : 1.25-1.26 (7H, m) ; 1.26-1.22 (5H, m) ; 1.25-1.26 (1H, m) ; 1.23-1.20 (13H, m) ; 1.28-1.22 (2H, m). |
| 43 |  | (CDCl ₃) : 1.28-1.27 (14H, m) ; 1.291.21 (4H, m) ; 1.22-1.24 (14H, m). |

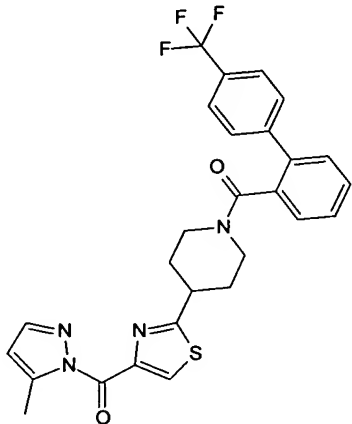
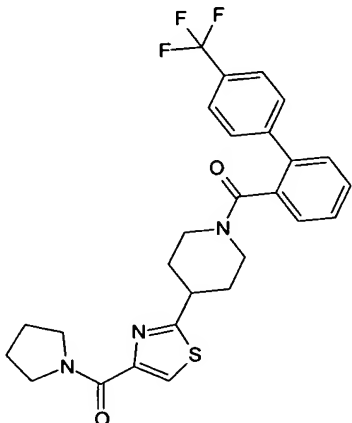
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 44 |  <chem>FC(F)(F)c1ccc(cc1)-c2ccccc2C(=O)N3CCCCC3c4nc(C(=O)N[C@H]5CCCC[C@@H]5C(=O)O)s4</chem> | |
| 45 |  <chem>FC(F)(F)c1ccc(cc1)-c2ccccc2C(=O)N3CCCCC3c4nc(C(=O)N5CCCCC5c6ccccc6F)s4</chem> | |
| 46 |  <chem>CCOC(=O)c1cc(C(=O)Nc2nc(C(=O)N3CCCCC3c4ccccc4-c5ccccc5C(=O)C(F)(F)F)s2)n[nH]1</chem> | |

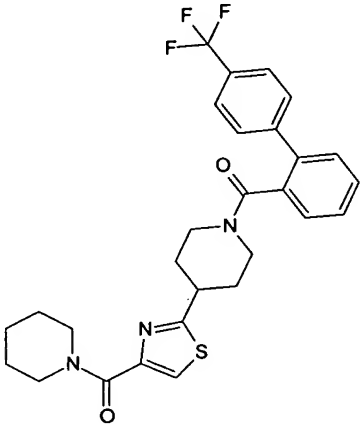
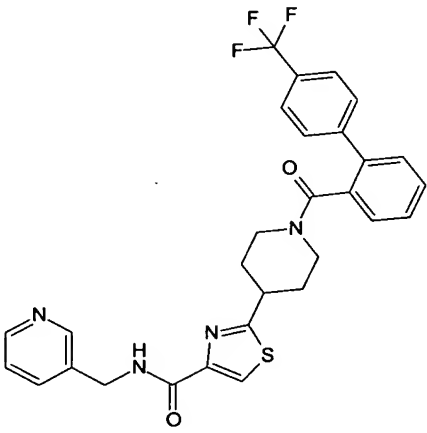
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|-----|--|-------------|
| 47 |  <p>1-(4-methoxyphenyl)-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine</p> | |
| 48 |  | |
| 49 |  <p>N-heptyl-N-(2,3,4,5-tetrahydro-1-benzoxepin-5-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

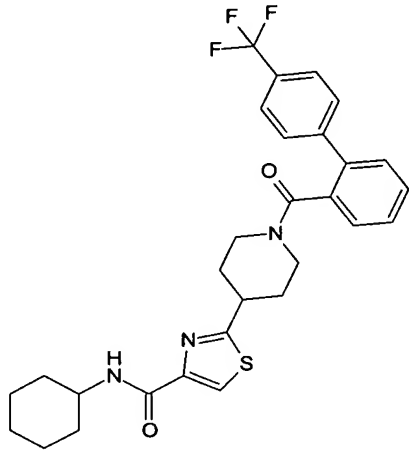
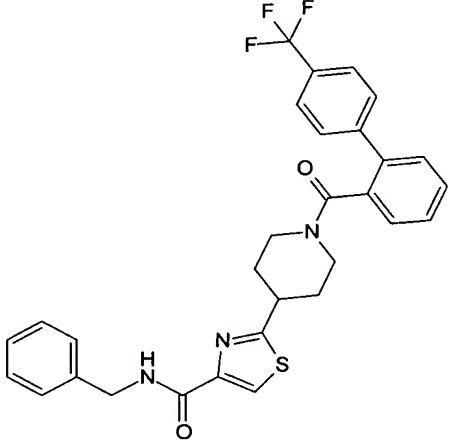
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|-----|--|-------------|
| 50 |  <p data-bbox="308 703 1136 766">N-(2,4-dioxoimidazolidin-1-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 51 |  <p data-bbox="308 1197 1226 1260">1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)proline</p> | |
| 52 |  <p data-bbox="308 1701 1226 1764">2-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)hydrazinecarbothioamide</p> | |

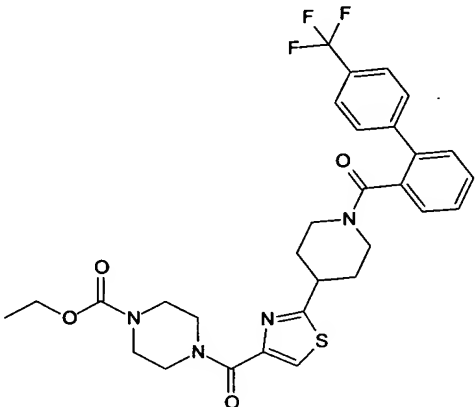
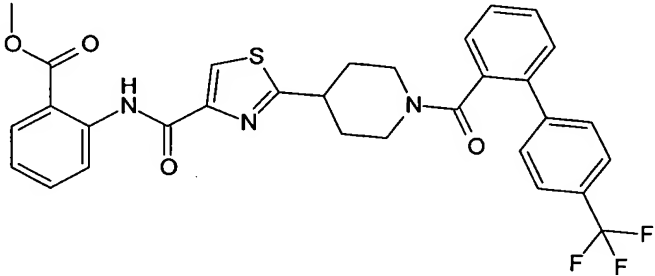
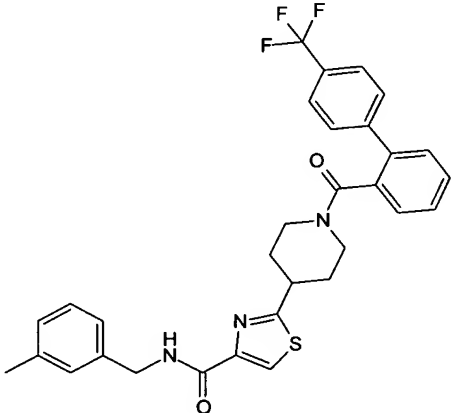
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 53 |  <p>N-(cyanomethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 54 |  <p>N-prop-2-yn-1-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 55 |  <p>N-(cyclopropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

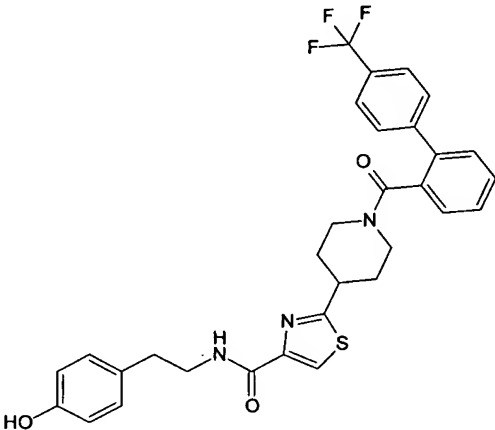
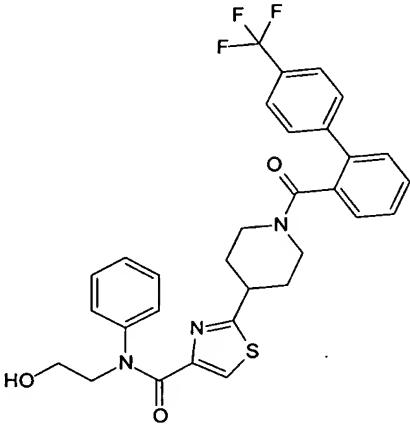
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 56 |  <p>N-(2-hydroxyethyl)-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 57 |  <p>N-pyrimidin-2-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

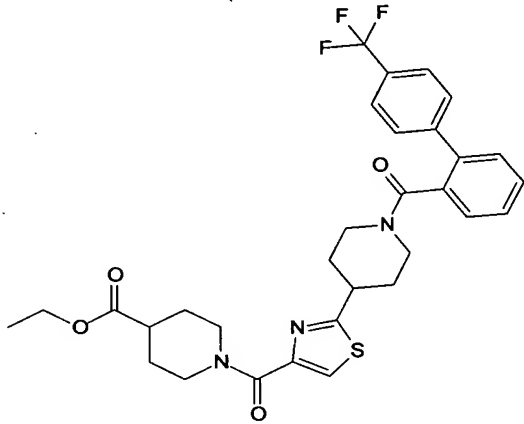
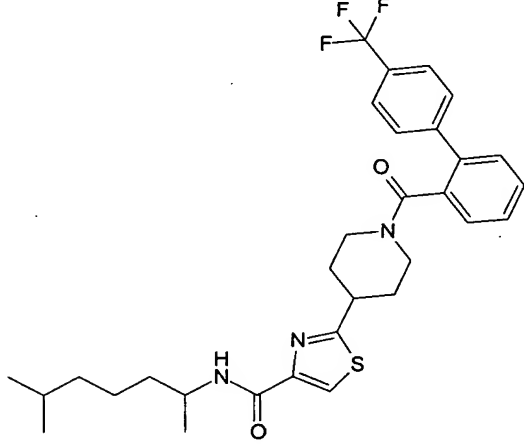
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 58 |  <p data-bbox="305 787 1193 850">4-{4-[(5-methyl-1H-pyrazol-1-yl)carbonyl]-1,3-thiazol-2-yl}-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p> | |
| 59 |  <p data-bbox="305 1375 1226 1438">4-[4-(pyrrolidin-1-ylcarbonyl)-1,3-thiazol-2-yl]-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p> | |

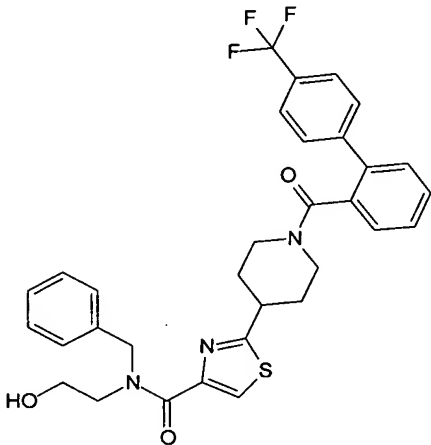
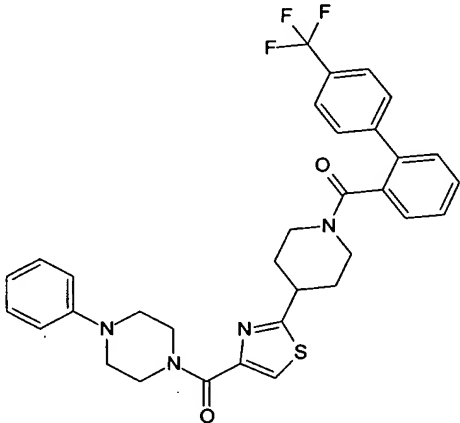
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 60 |  <p>4-[4-(piperidin-1-ylcarbonyl)-1,3-thiazol-2-yl]-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p> | |
| 61 |  <p>N-(pyridin-3-ylmethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

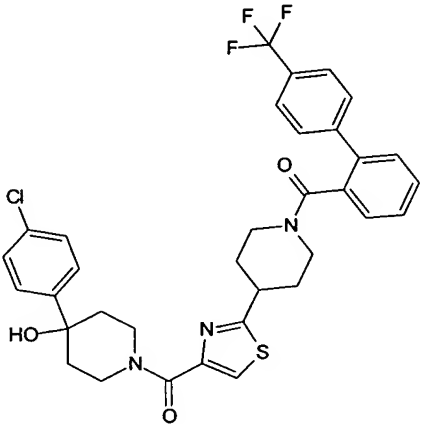
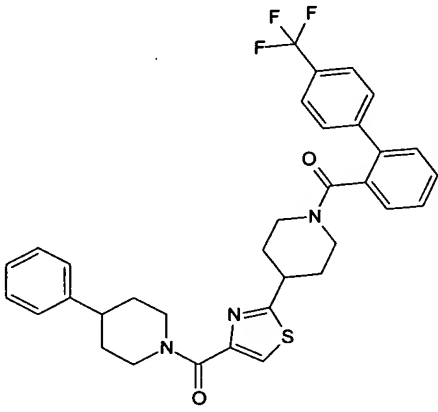
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 62 |  <p>N-cyclohexyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 63 |  <p>N-benzyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

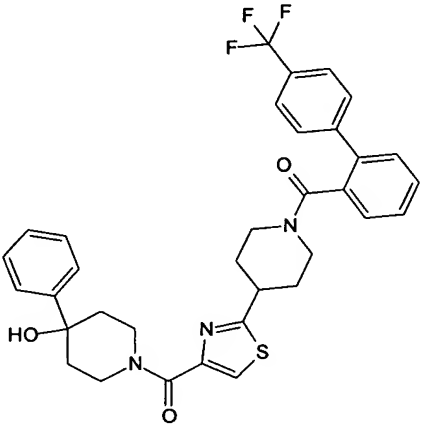
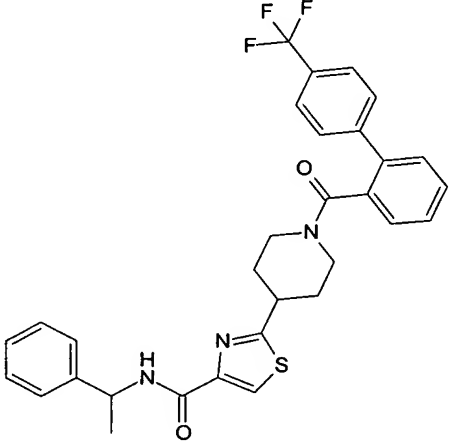
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 64 |  <p>ethyl 4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine-1-carboxylate</p> | |
| 65 |  | |
| 66 |  <p>N-(3-methylbenzyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

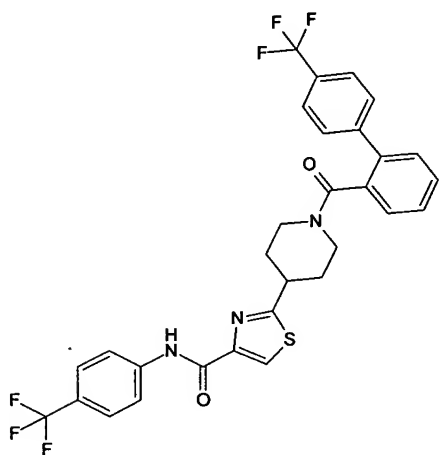
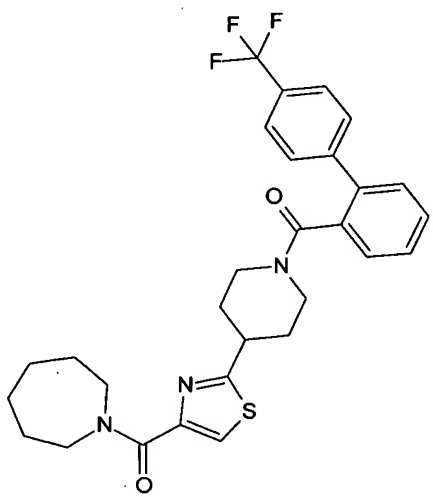
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 67 |  <p>N-[2-(4-hydroxyphenyl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 68 |  <p>N-(2-hydroxyethyl)-N-phenyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

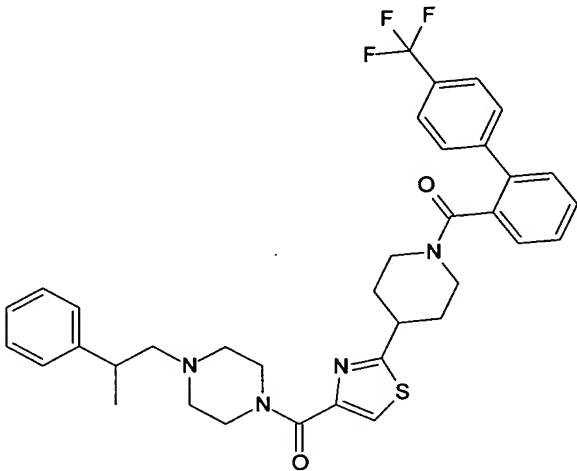
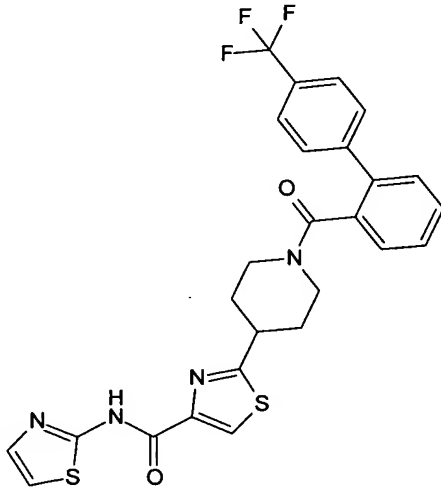
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 69 |  <p>ethyl 1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidine-4-carboxylate</p> | |
| 70 |  <p>N-(1,5-dimethylhexyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

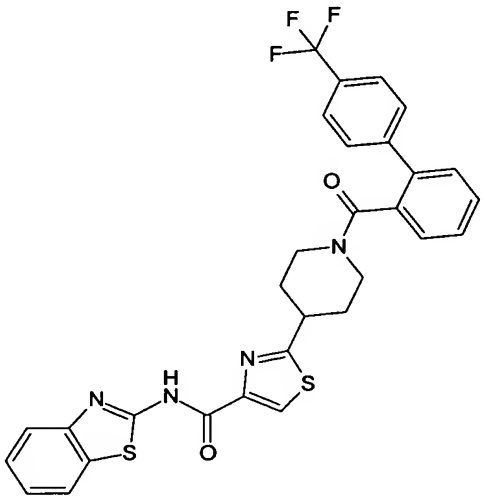
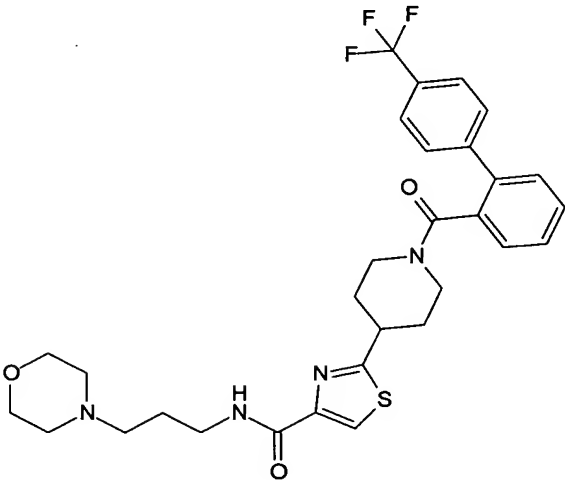
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 71 |  <p data-bbox="310 835 1127 898">N-benzyl-N-(2-hydroxyethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 72 |  <p data-bbox="310 1417 1208 1480">1-phenyl-4-{[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazine</p> | |

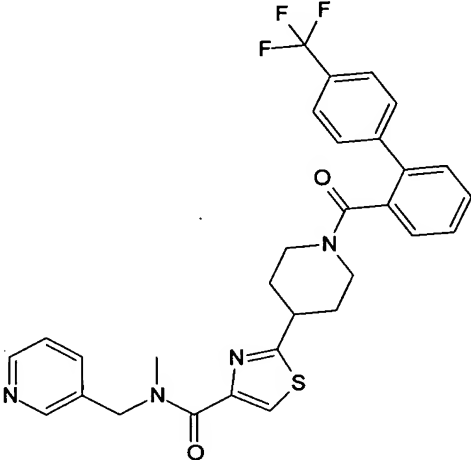
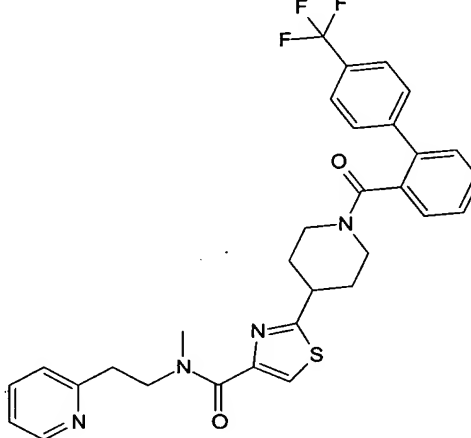
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 73 |  <p>4-(4-chlorophenyl)-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-4-ol</p> | |
| 74 |  <p>4-phenyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidine</p> | |

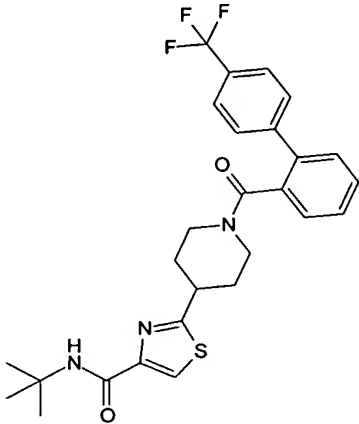
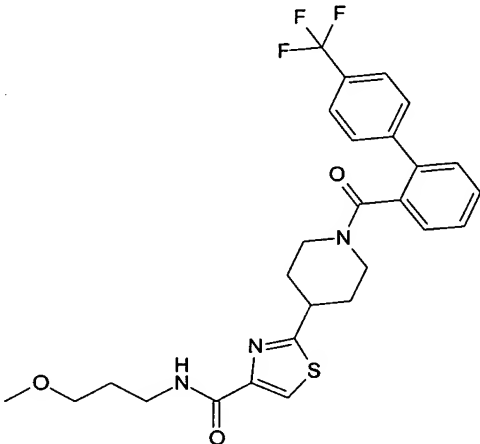
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 75 |  <p>4-phenyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-4-ol</p> | |
| 76 |  <p>N-(1-phenylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

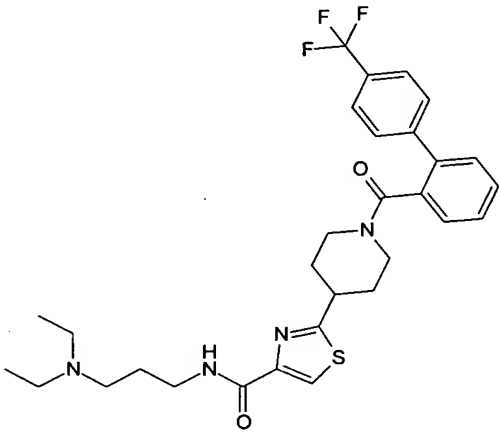
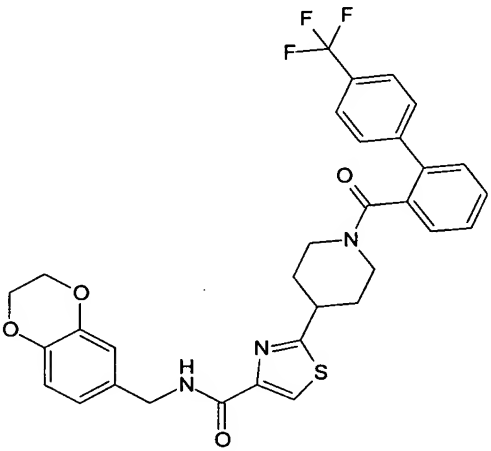
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 77 |  <p>2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-N-[4-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 78 |  <p>1-[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]azepane</p> | |

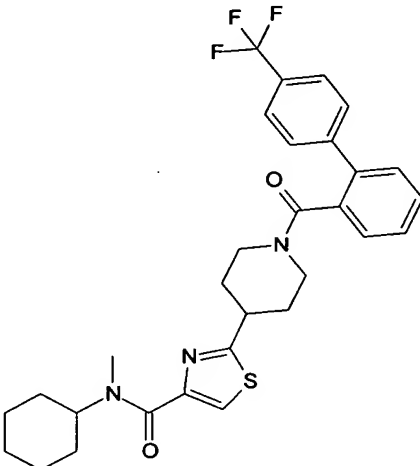
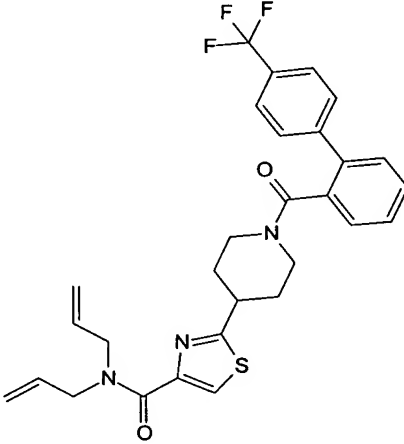
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 79 |  <p data-bbox="313 856 1161 919">1-(2-phenylpropyl)-4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p> | |
| 80 |  <p data-bbox="313 1516 1209 1579">N-1,3-thiazol-2-yl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

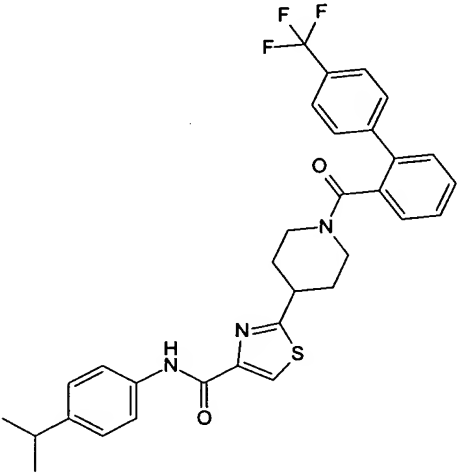
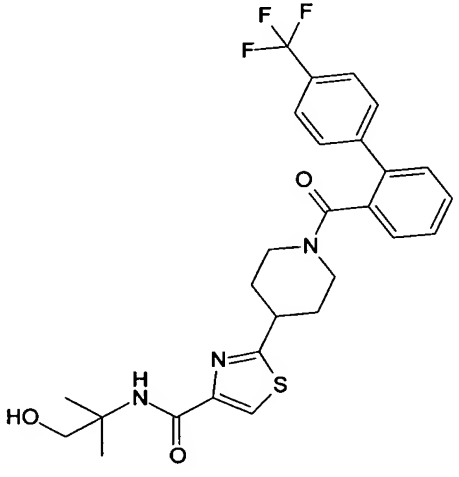
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 81 |  <p data-bbox="308 882 1177 945">N-1,3-benzothiazol-2-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 82 |  <p data-bbox="308 1533 1218 1596">N-(3-morpholin-4-ylpropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

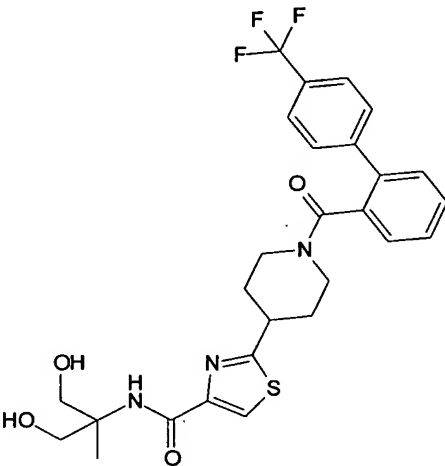
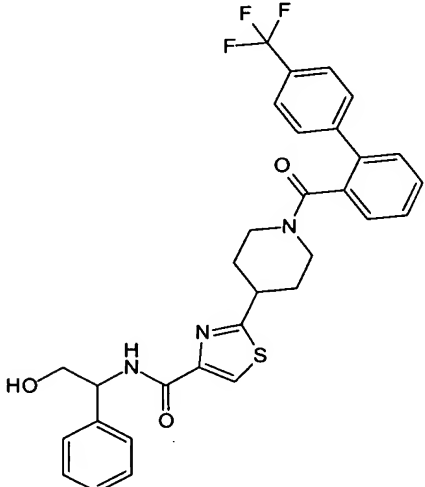
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 83 |  <p data-bbox="305 856 1166 919">N-methyl-N-(pyridin-3-ylmethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 84 |  <p data-bbox="305 1465 1166 1528">N-methyl-N-(2-pyridin-2-ylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

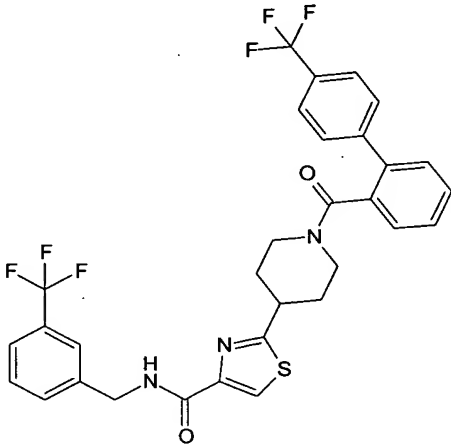
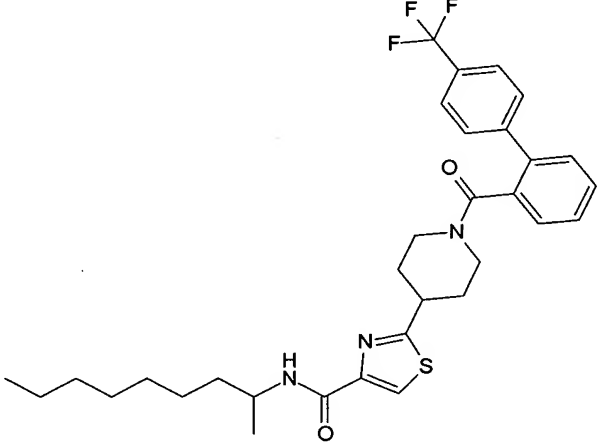
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 85 |  <p>N-(tert-butyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 86 |  <p>N-(3-methoxypropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

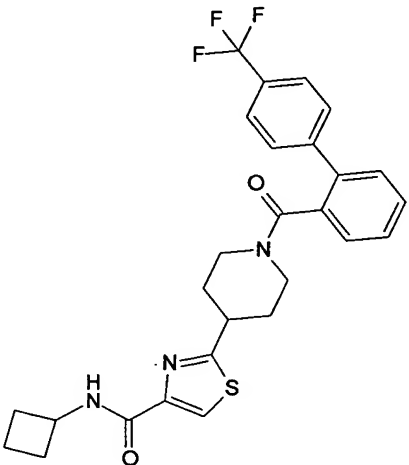
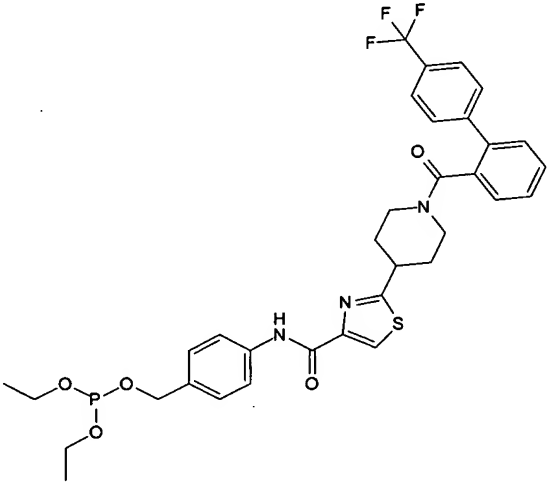
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 87 |  <p>N-[3-(diethylamino)propyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 88 |  <p>N-(2,3-dihydro-1,4-benzodioxin-6-ylmethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

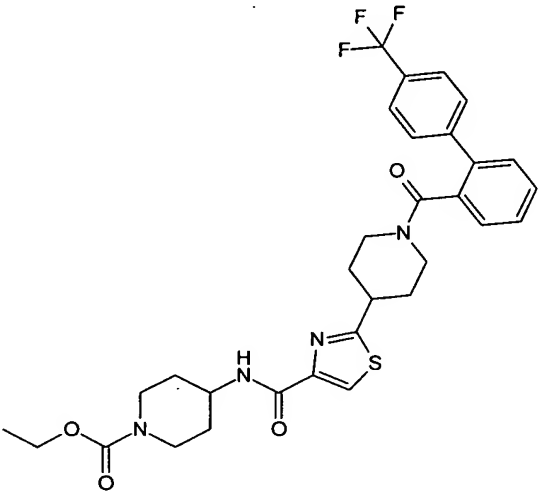
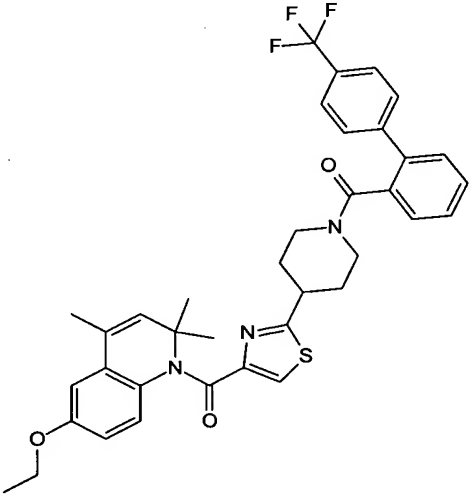
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 89 |  <p data-bbox="310 856 1166 919">N-cyclohexyl-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 90 |  <p data-bbox="310 1465 1187 1528">N,N-diallyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

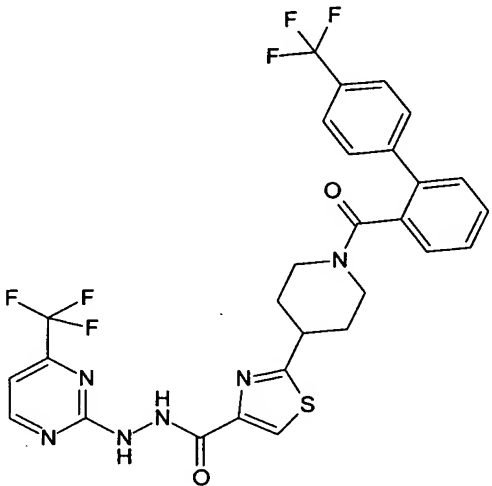
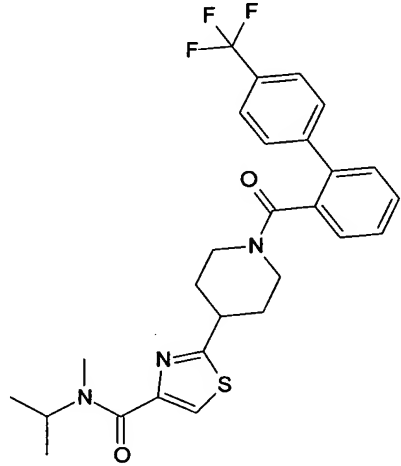
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 91 |  <p>N-(4-isopropylphenyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 92 |  <p>N-(2-hydroxy-1,1-dimethylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

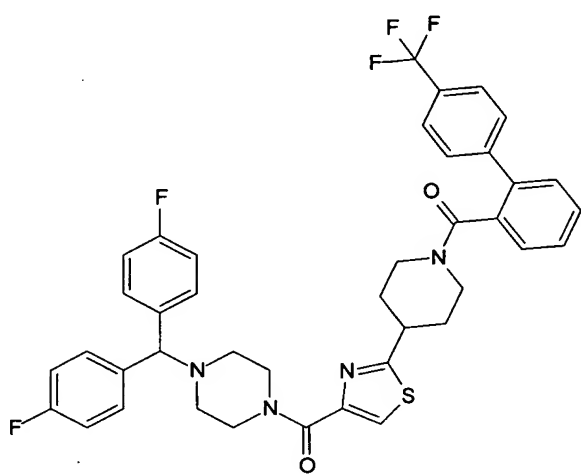
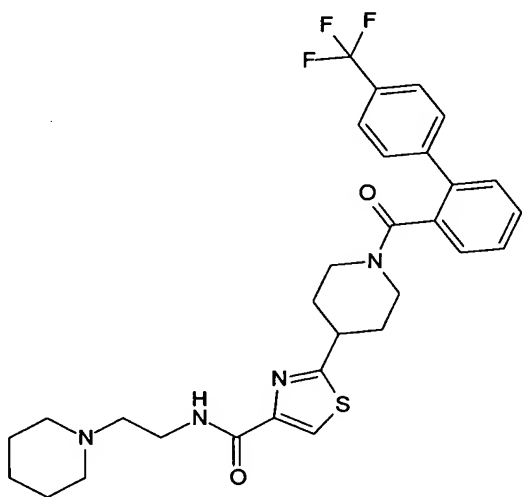
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|-----|---|-------------|
| 93 |  <p>N-[2-hydroxy-1-(hydroxymethyl)-1-methylethyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 94 |  <p>N-(2-hydroxy-1-phenylethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

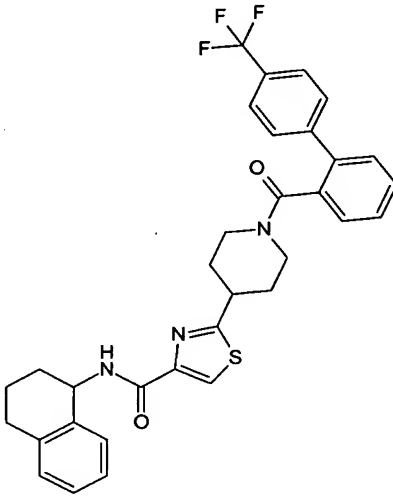
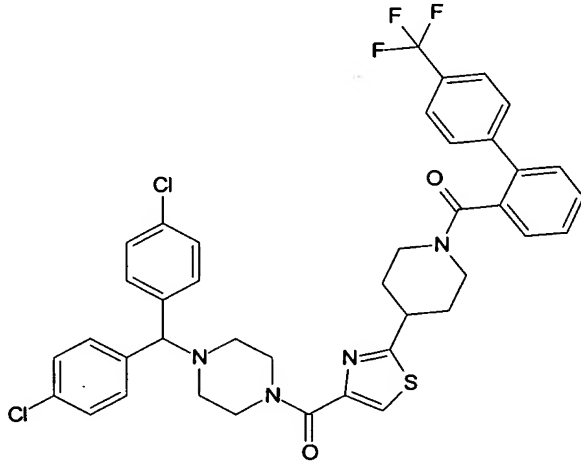
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 95 |  <p>N-[3-(trifluoromethyl)benzyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 96 |  <p>N-(1-methyloctyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

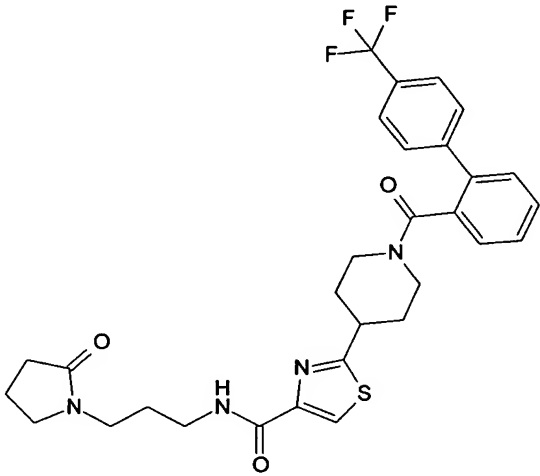
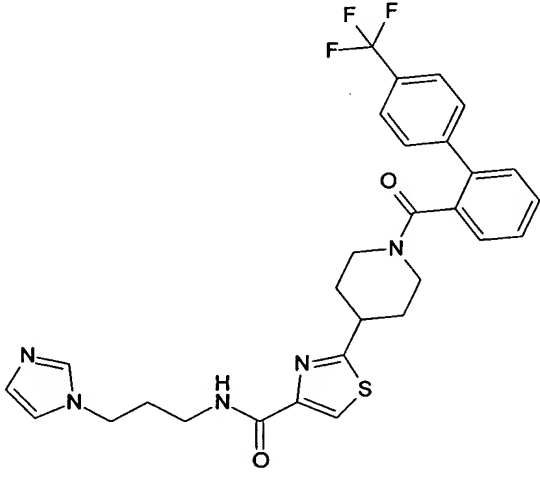
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 97 |  <p>N-cyclobutyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 98 |  <p>diethyl 4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)amino)benzyl phosphite</p> | |

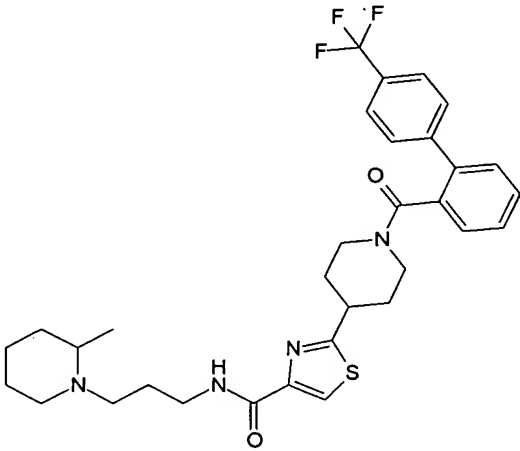
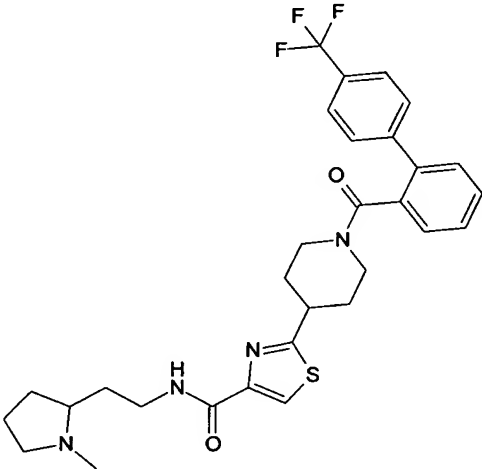
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 99 |  <p>ethyl 4-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)piperidine-1-carboxylate</p> | |
| 100 |  <p>6-ethoxy-2,2,4-trimethyl-1-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,2-dihydroquinoline</p> | |

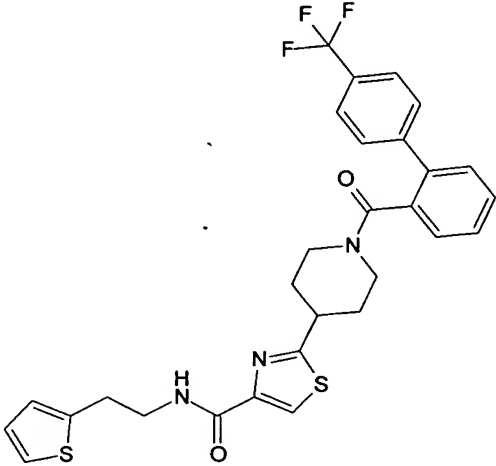
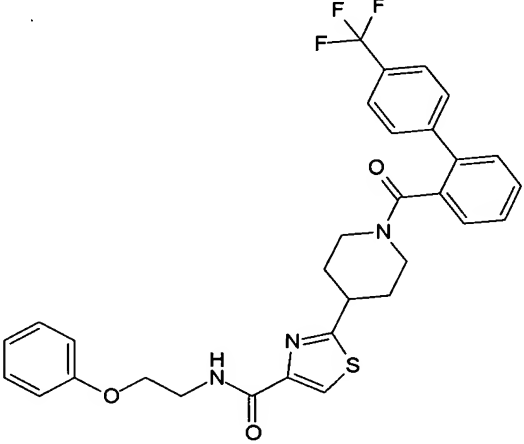
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 101 |  <p>2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-N'-[4-(trifluoromethyl)pyrimidin-2-yl]-1,3-thiazole-4-carbohydrazide</p> | |
| 102 |  <p>N-isopropyl-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

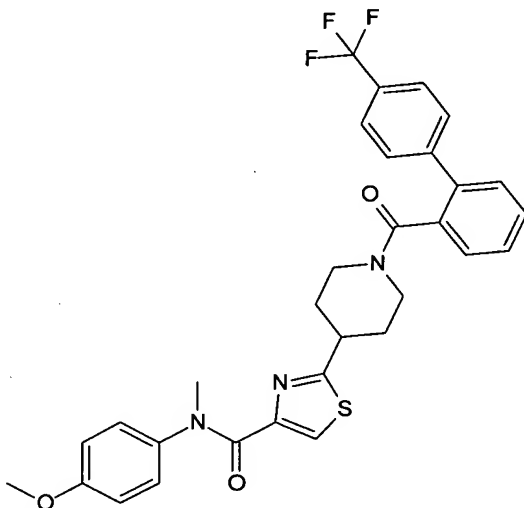
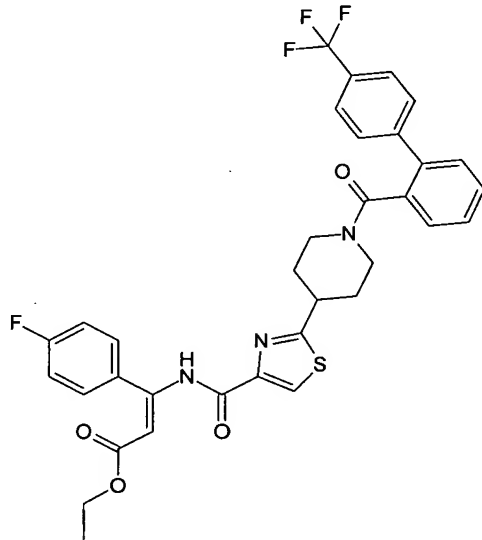
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 103 |  <p>1-[bis(4-fluorophenyl)methyl]-4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p> | |
| 104 |  <p>N-(2-piperidin-1-ylethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

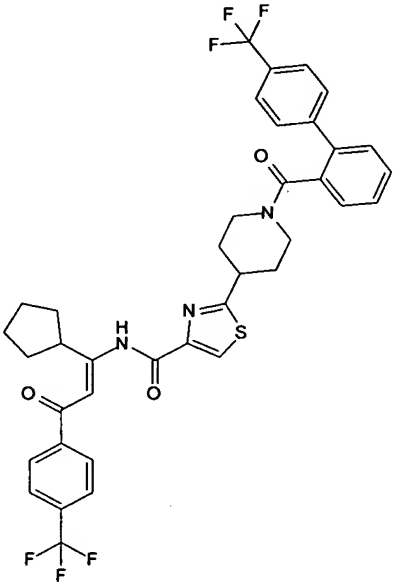
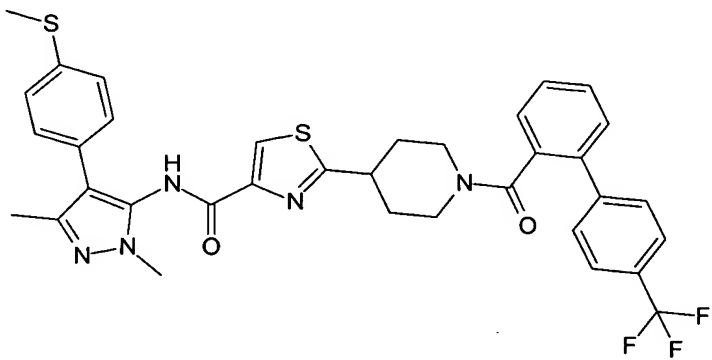
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 105 |  <p>N-(1,2,3,4-tetrahydronaphthalen-1-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 106 |  <p>1-[bis(4-chlorophenyl)methyl]-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine</p> | |

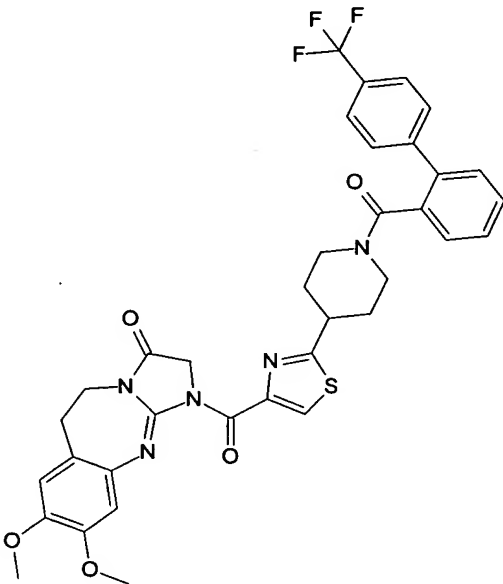
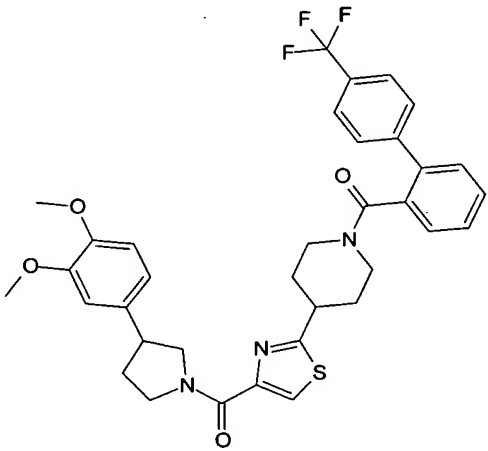
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 107 |  <p>N-[3-(2-oxopyrrolidin-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 108 |  <p>N-[3-(1H-imidazol-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

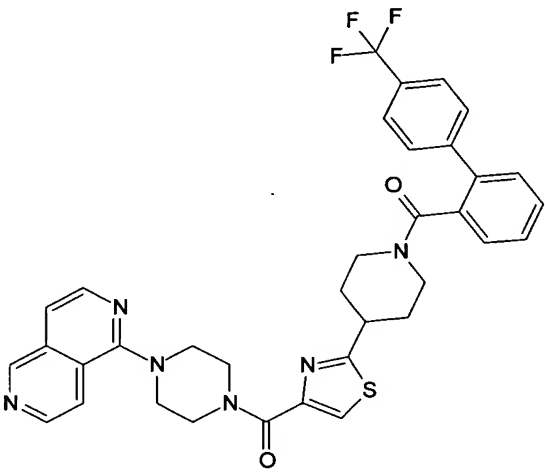
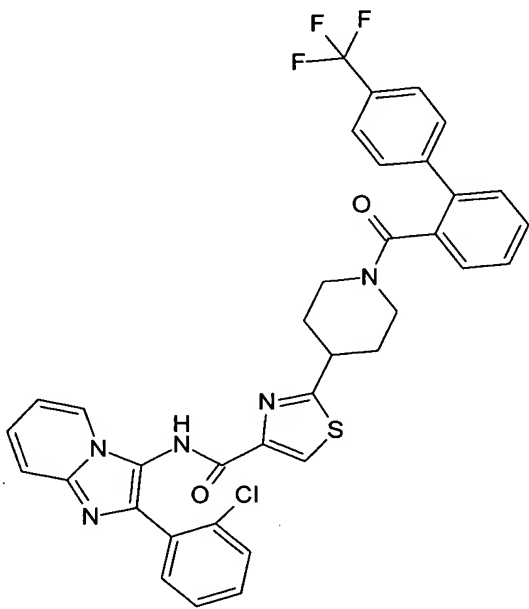
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 109 |  <p data-bbox="310 835 1203 898">N-[3-(2-methylpiperidin-1-yl)propyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 110 |  <p data-bbox="310 1486 1203 1549">N-[2-(1-methylpyrrolidin-2-yl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

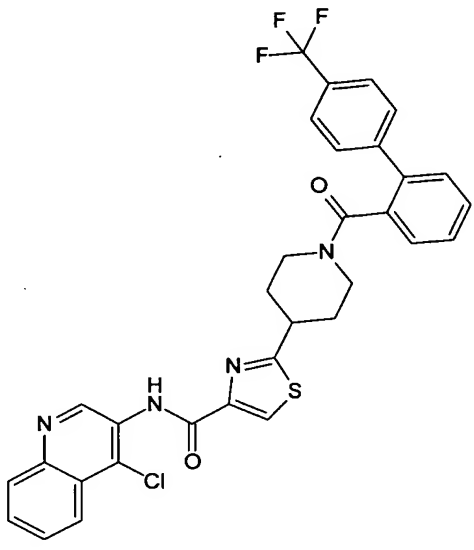
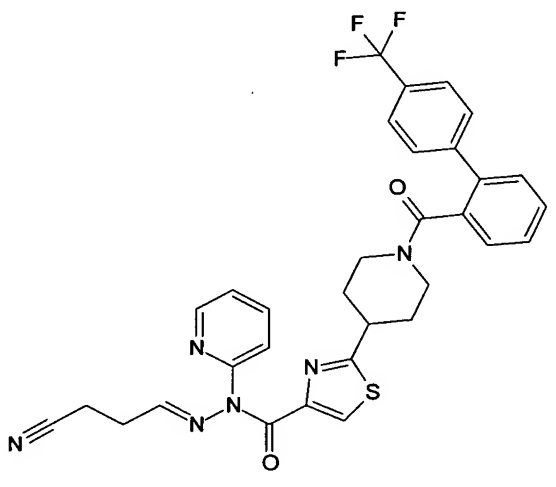
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 111 |  <p data-bbox="306 863 1143 919">N-[2-(2-thienyl)ethyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 112 |  <p data-bbox="306 1472 1127 1528">N-(2-phenoxyethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

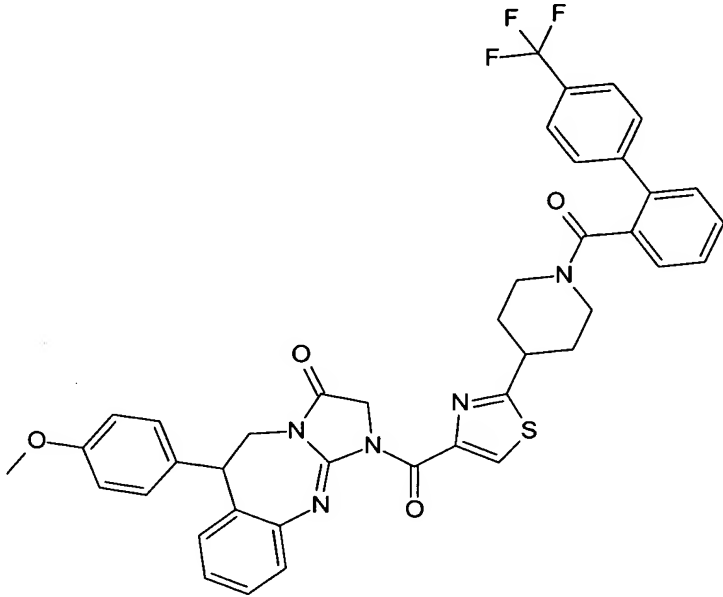
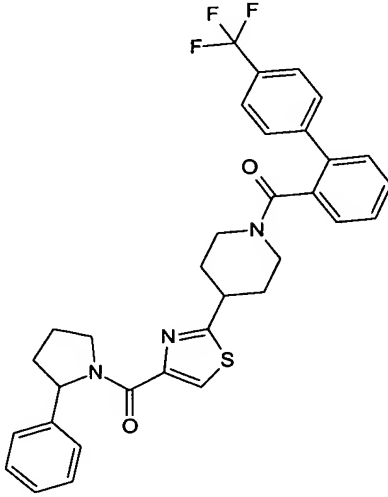
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 113 |  <p data-bbox="308 903 1161 955">N-(4-methoxyphenyl)-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 114 |  <p data-bbox="308 1627 1177 1680">ethyl (2E)-3-(4-fluorophenyl)-3-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)amino)acrylate</p> | |

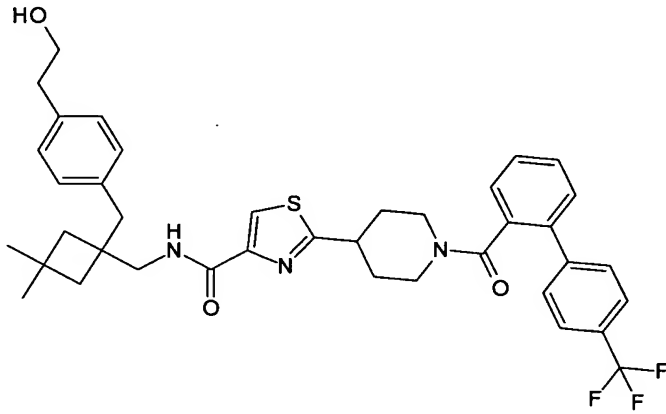
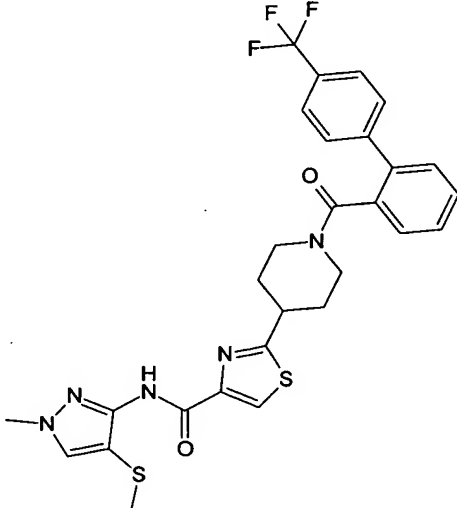
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 115 |  <p data-bbox="305 972 1203 1056">N-((1E)-1-cyclopentyl-3-oxo-3-[4-(trifluoromethyl)phenyl]prop-1-en-1-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 116 |  <p data-bbox="305 1539 1214 1602">N-{1,3-dimethyl-4-[4-(methylthio)phenyl]-1H-pyrazol-5-yl}-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

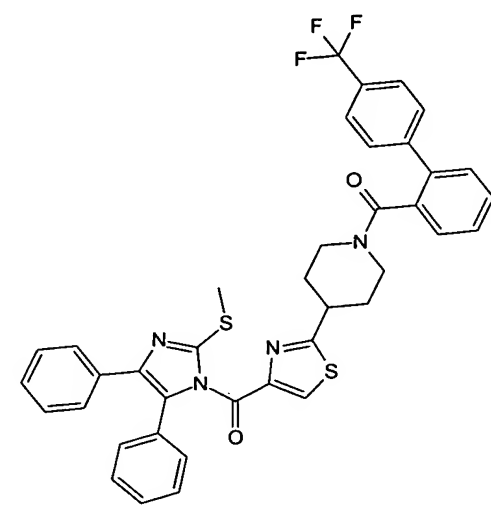
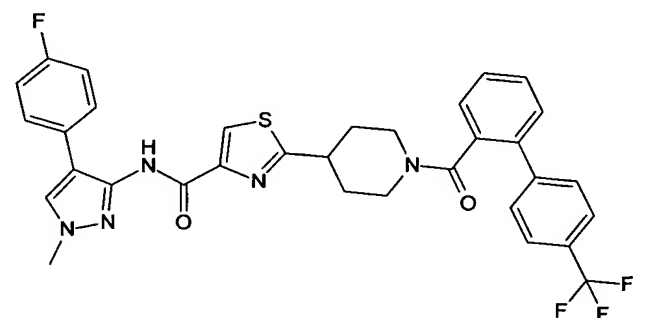
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 117 |  <p>8,9-dimethoxy-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1,2,5,6-tetrahydro-3H-imidazo[2,1-b][1,3]benzodiazepin-3-one</p> | |
| 118 |  <p>4-(4-([3-(3,4-dimethoxyphenyl)pyrrolidin-1-yl]carbonyl)-1,3-thiazol-2-yl)-1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidine</p> | |

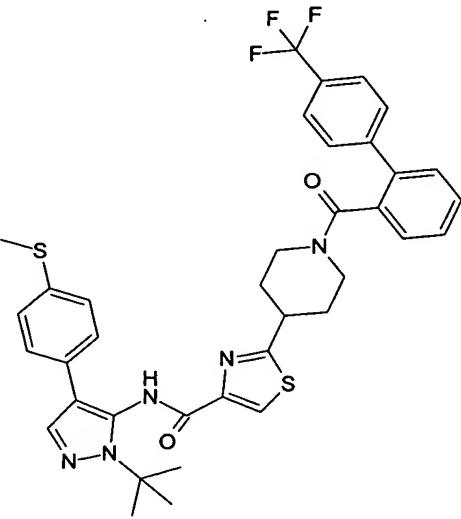
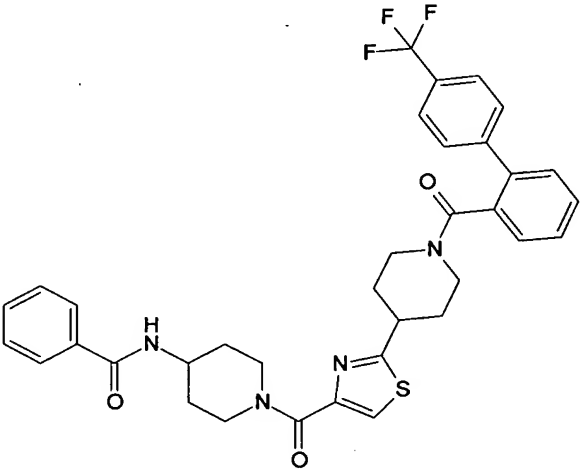
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 119 |  <p data-bbox="305 856 1174 919">1-(4-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazin-1-yl)-2,6-naphthyridine</p> | |
| 120 |  <p data-bbox="305 1619 1195 1682">N-[2-(2-chlorophenyl)imidazo[1,2-a]pyridin-3-yl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

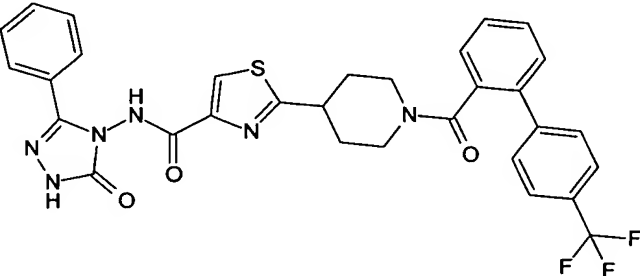
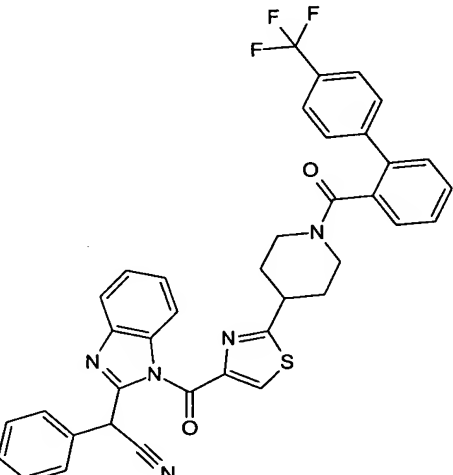
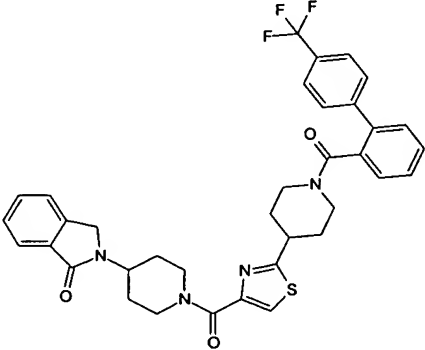
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 121 |  <p>N-(4-chloroquinolin-3-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 122 |  <p>N'-[(1E)-3-cyanopropylidene]-N-pyridin-2-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carbohydrazide</p> | |

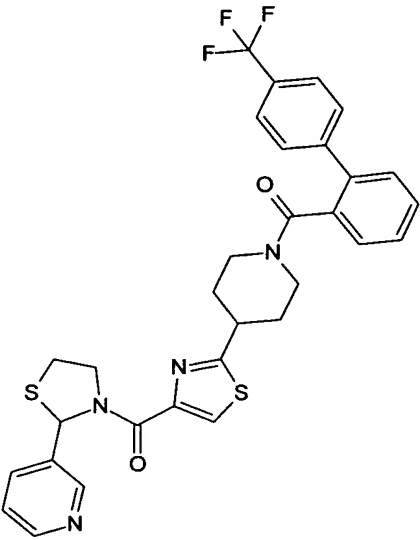
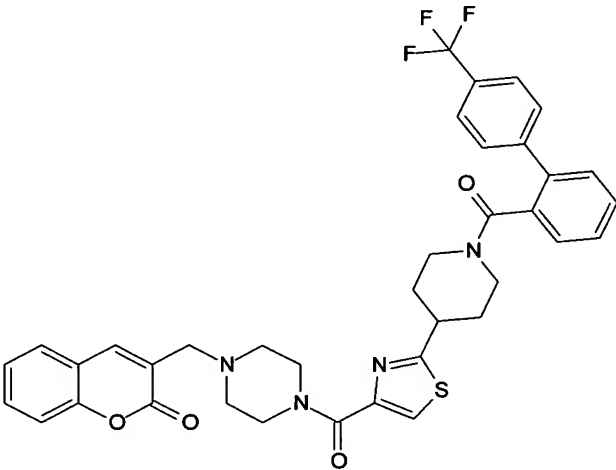
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 123 |  <p data-bbox="310 1003 1214 1087">6-(4-methoxyphenyl)-1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1,2,5,6-tetrahydro-3H-imidazo[2,1-b][1,3]benzodiazepin-3-one</p> | |
| 124 |  <p data-bbox="310 1696 1161 1759">4-{4-[(2-phenylpyrrolidin-1-yl)carbonyl]-1,3-thiazol-2-yl}-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidine</p> | |

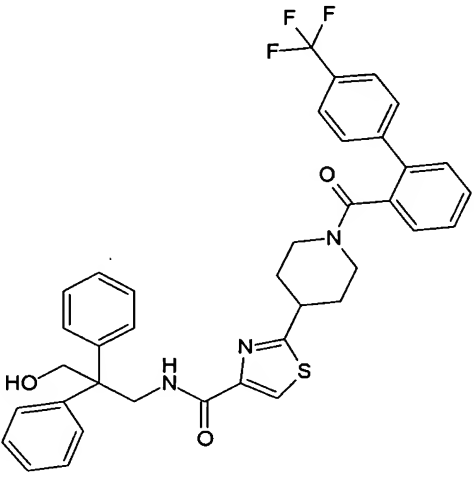
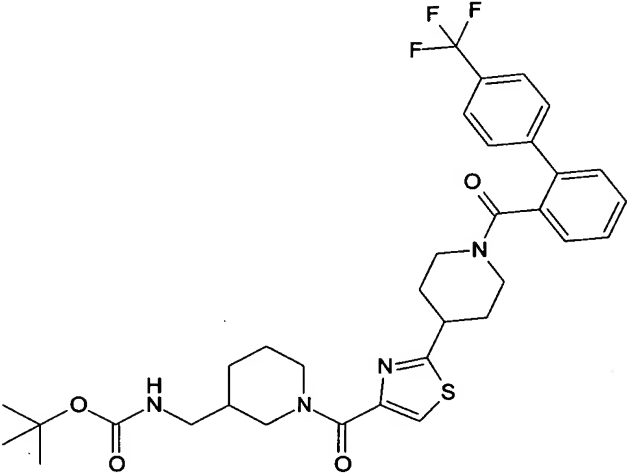
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 125 |  <p data-bbox="310 793 1187 877">N-({1-[4-(2-hydroxyethyl)benzyl]-3,3-dimethylcyclobutyl}methyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 126 |  <p data-bbox="310 1486 1141 1545">N-[1-methyl-4-(methylthio)-1H-pyrazol-3-yl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

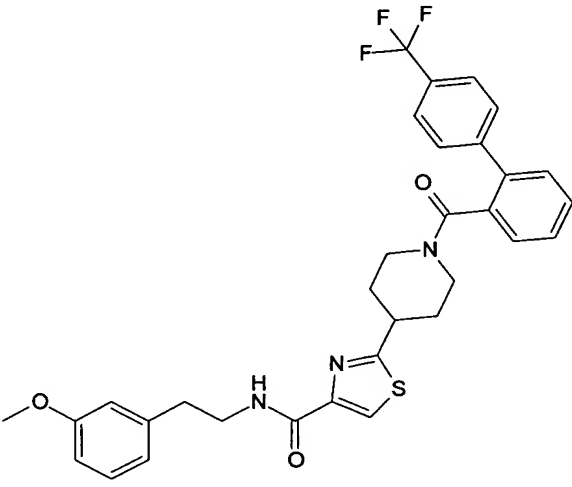
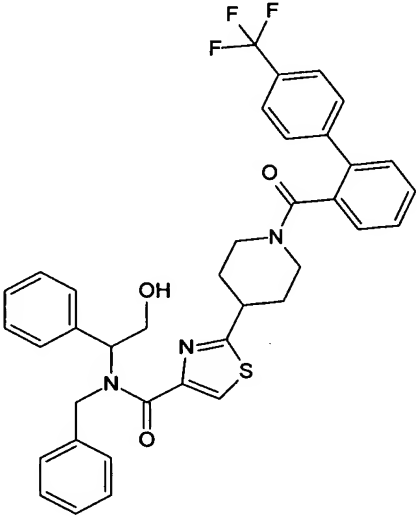
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 127 |  <p data-bbox="324 871 1218 945">4-(4-([2-(methylthio)-4,5-diphenyl-1H-imidazol-1-yl]carbonyl)-1,3-thiazol-2-yl)-1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidine</p> | |
| 128 |  | |

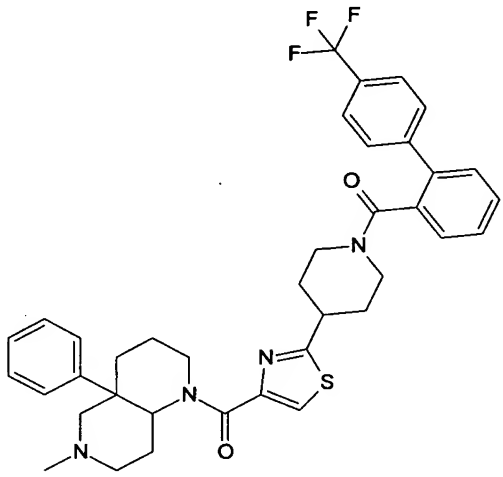
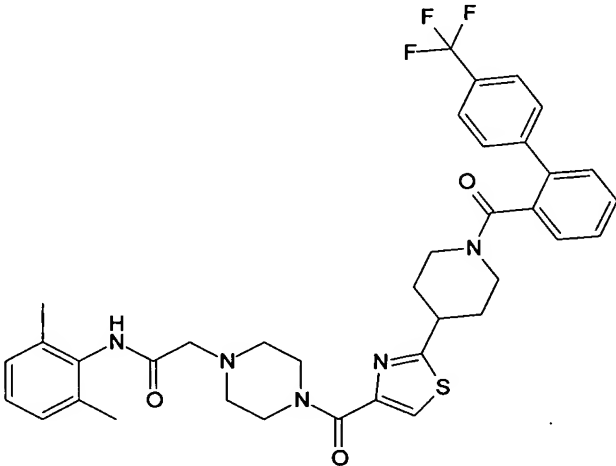
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 129 |  <p data-bbox="316 934 1209 997">N-(1-tert-butyl-4-[4-(methylthio)phenyl]-1H-pyrazol-5-yl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 130 |  <p data-bbox="316 1627 1209 1690">N-(1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperidin-4-yl)benzamide</p> | |

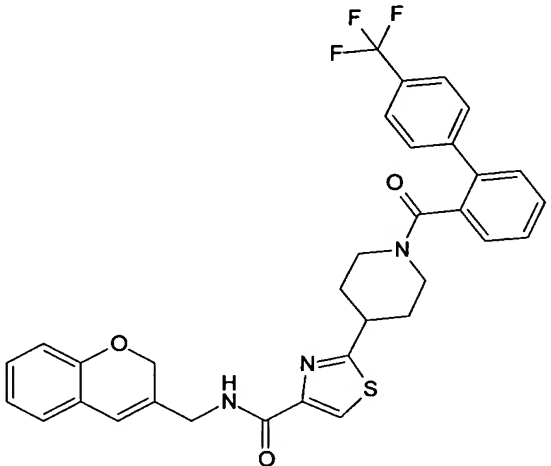
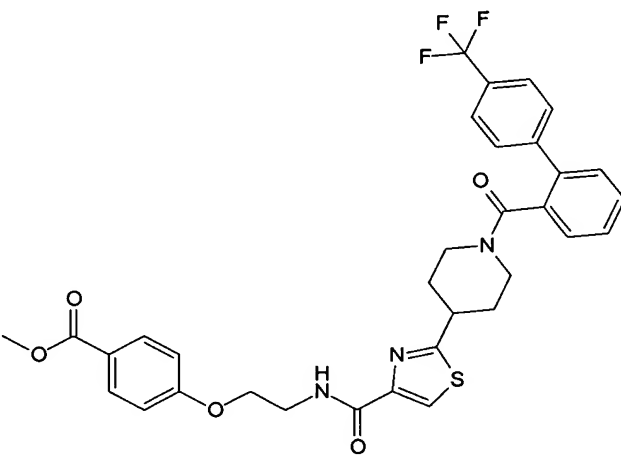
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 131 |  | |
| 132 |  <p data-bbox="316 1260 1193 1323">phenyl(1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1H-benzimidazol-2-yl)acetonitrile</p> | |
| 133 |  <p data-bbox="316 1764 1193 1816">2-(1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidin-4-yl)isoindolin-1-one</p> | |

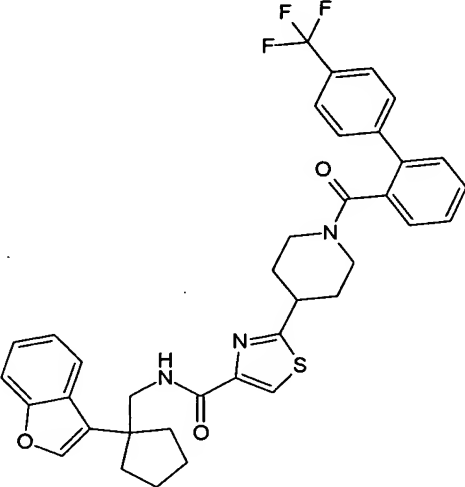
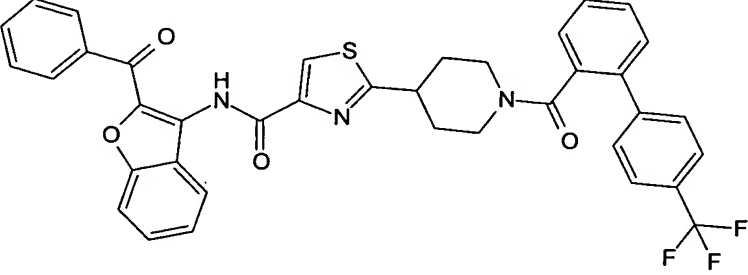
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|-----|--|-------------|
| 134 |  <p data-bbox="313 926 1182 982">3-(3-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1,3-thiazolidin-2-yl)pyridine</p> | |
| 135 |  <p data-bbox="313 1556 1187 1612">3-[(4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazin-1-yl)methyl]-2H-chromen-2-one</p> | |

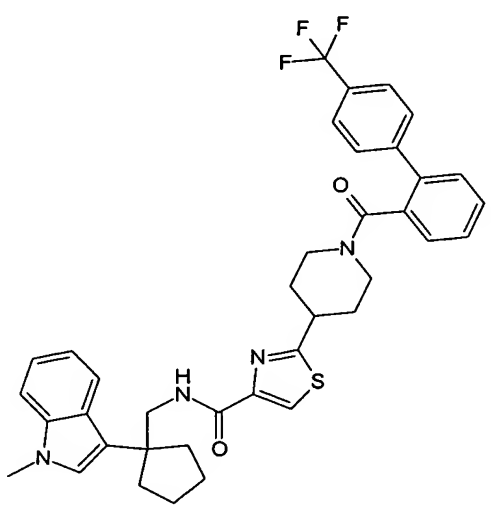
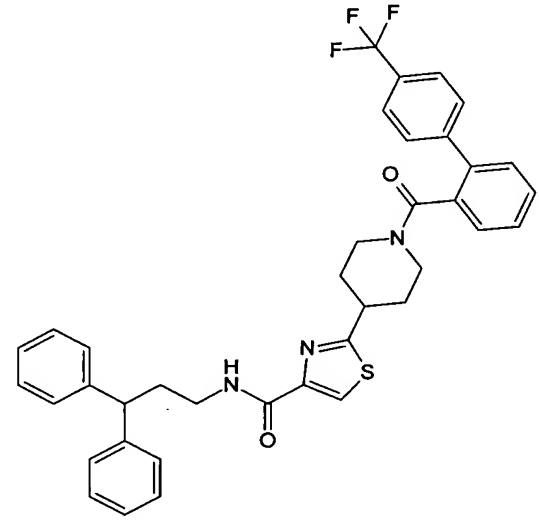
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 136 |  <p data-bbox="313 856 1190 919">N-(3-hydroxy-2,2-diphenylpropyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 137 |  <p data-bbox="313 1465 1230 1528">tert-butyl [(1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-3-yl)methyl]carbamate</p> | |

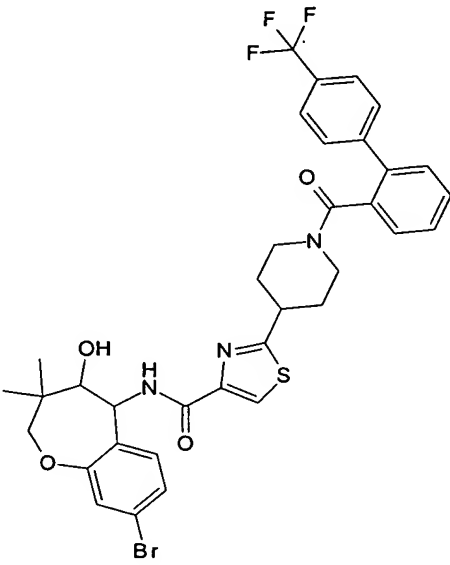
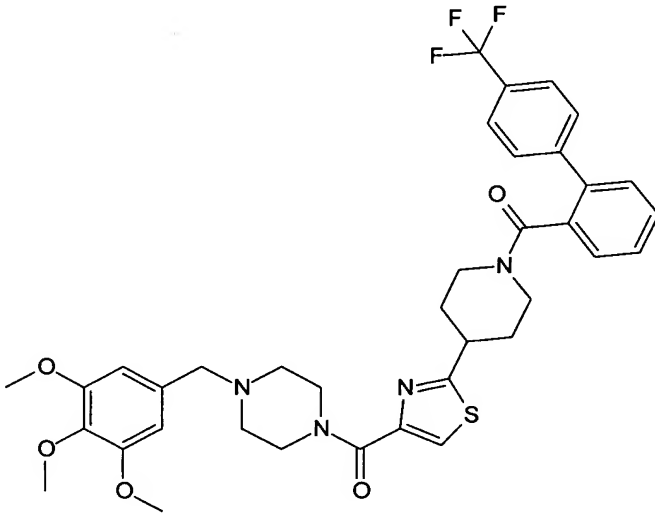
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 138 |  <p>N-[2-(3-methoxyphenyl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 139 |  <p>N-benzyl-N-(2-hydroxy-1-phenylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

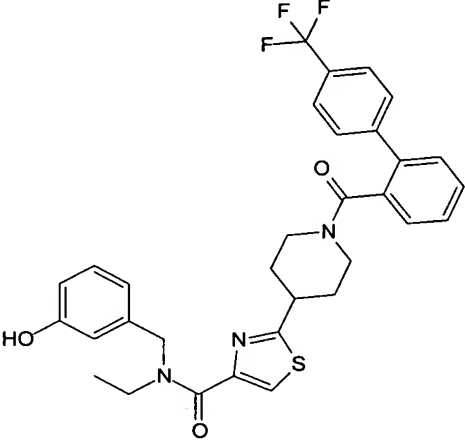
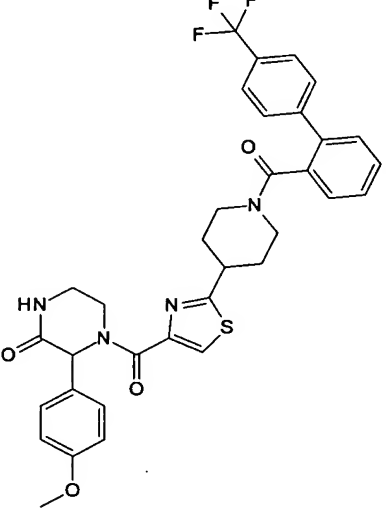
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 140 |  <p>6-methyl-4a-phenyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)decahydro-1,6-naphthyridine</p> | |
| 141 |  <p>N-(2,6-dimethylphenyl)-2-(4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazin-1-yl)acetamide</p> | |

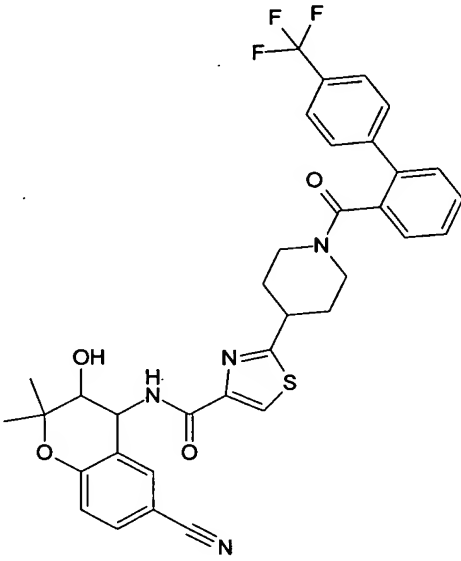
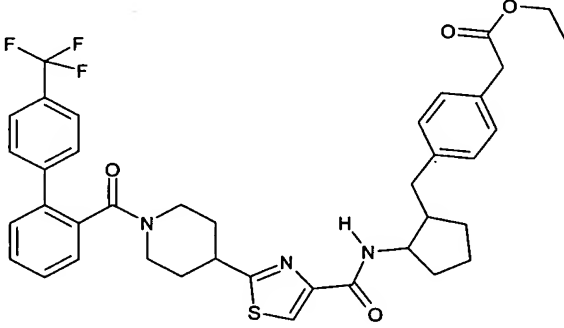
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 142 |  <p>N-(2H-chromen-3-ylmethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 143 |  <p>methyl 4-[2-({[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl)amino)ethoxy]benzoate</p> | |

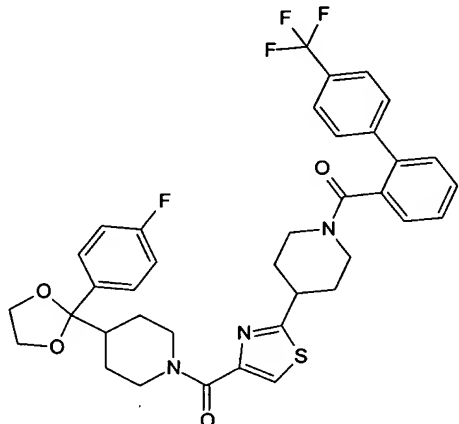
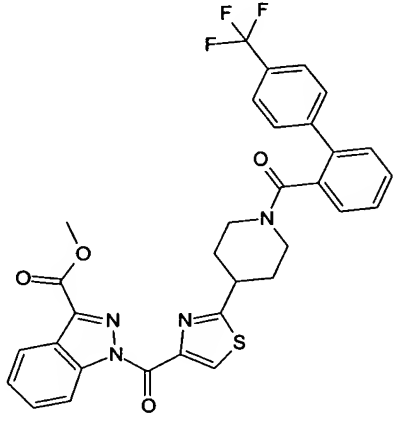
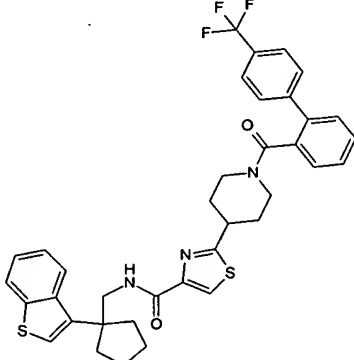
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 144 |  <p>N-[[1-(1-benzofuran-3-yl)cyclopentyl]methyl]-2-(1-{{4'-(trifluoromethyl)-biphenyl-2-yl}carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 145 |  | |

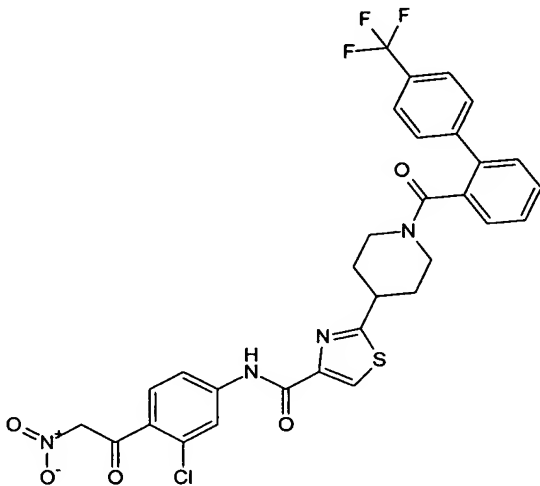
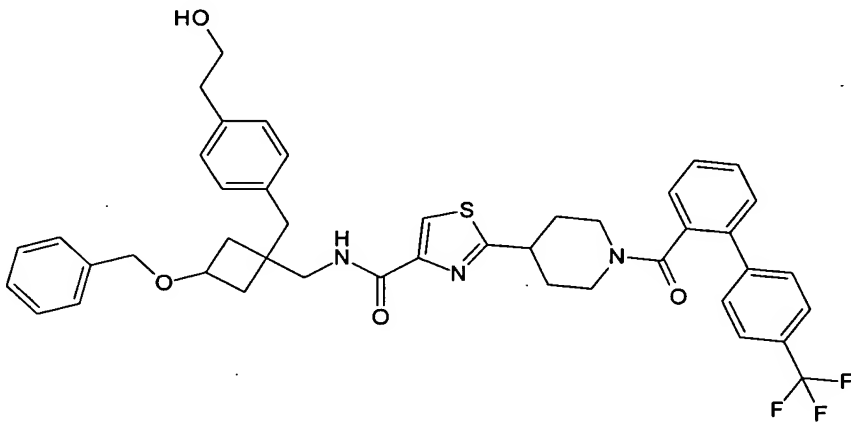
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 146 |  <p data-bbox="316 871 1218 945">N-[[1-(1-methyl-1H-indol-3-yl)cyclopentyl]methyl]-2-(1-{[4'-(trifluoromethyl)-biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 147 |  <p data-bbox="316 1585 1218 1659">N-(3,3-diphenylpropyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

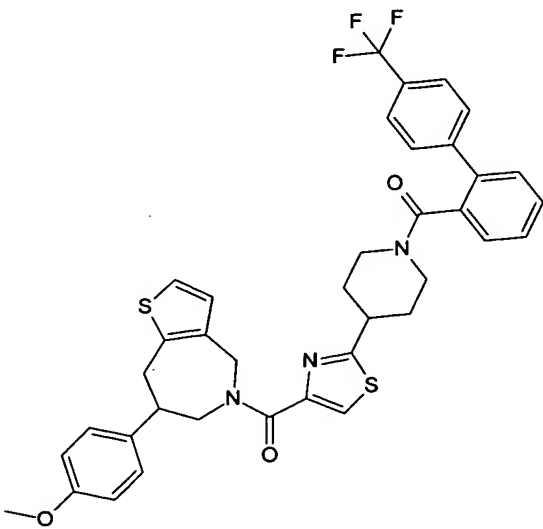
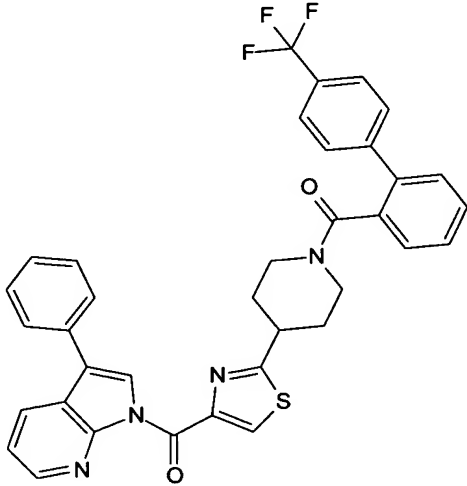
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 148 |  <p>N-(8-bromo-4-hydroxy-3,3-dimethyl-2,3,4,5-tetrahydro-1-benzoxepin-5-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 149 |  <p>1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-4-(3,4,5-trimethoxybenzyl)piperazine</p> | |

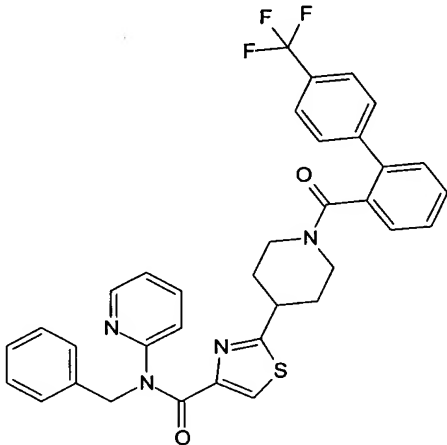
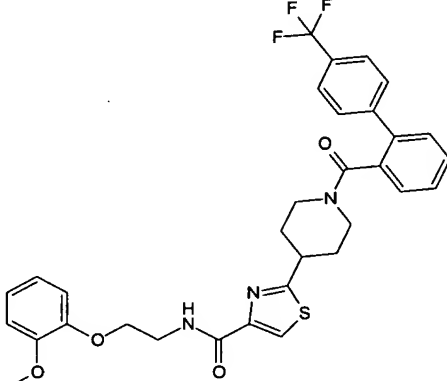
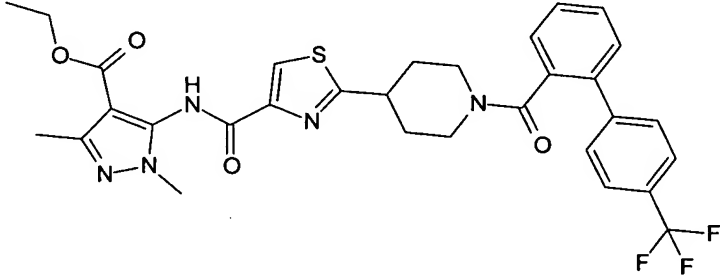
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 150 |  <p data-bbox="313 835 1133 898">N-ethyl-N-(3-hydroxybenzyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 151 |  <p data-bbox="313 1507 1193 1570">3-(4-methoxyphenyl)-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazin-2-one</p> | |

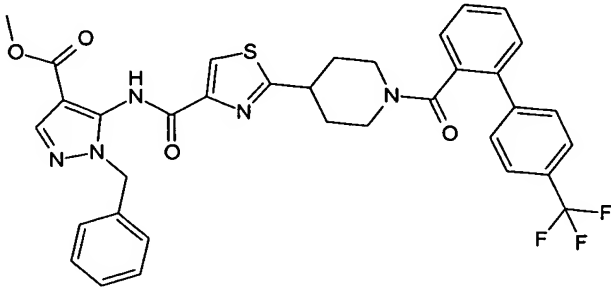
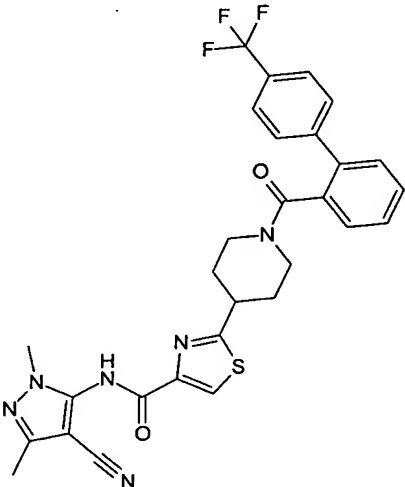
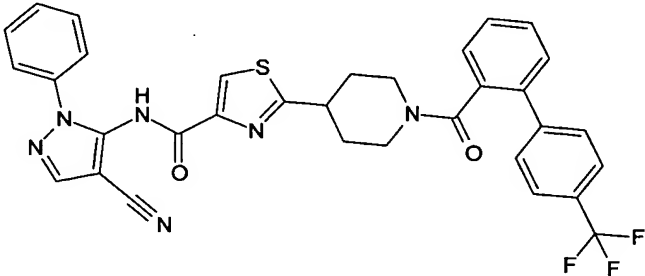
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 152 |  <p>N-(6-cyano-3-hydroxy-2,2-dimethyl-3,4-dihydro-2H-chromen-4-yl)-2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 153 |  | |

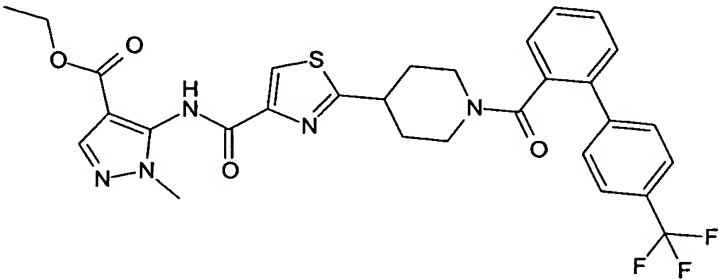
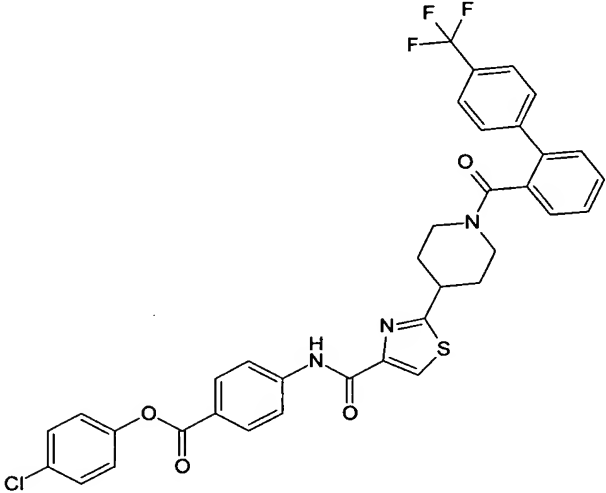
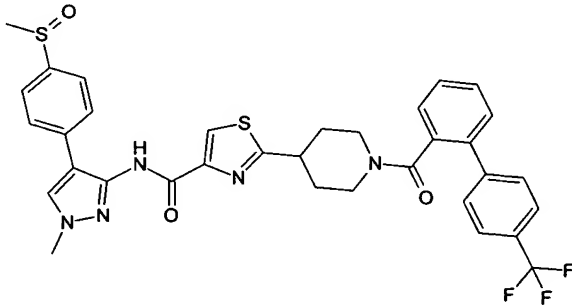
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 154 |  | |
| 155 |  <p data-bbox="315 1268 1224 1331">methyl 1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1H-indazole-3-carboxylate</p> | |
| 156 |  <p data-bbox="315 1772 1159 1835">N-[[1-(1-benzothien-3-yl)cyclopentyl]methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

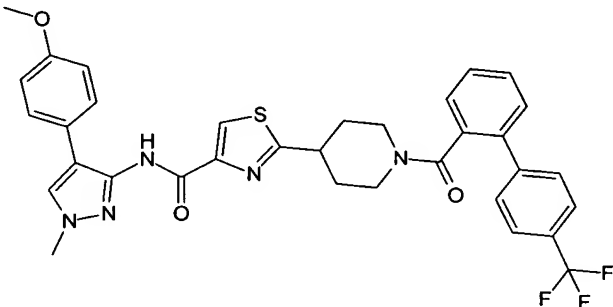
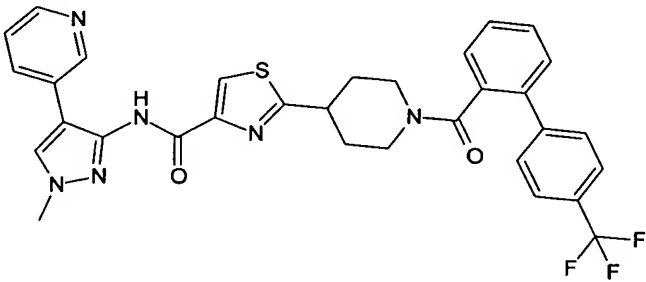
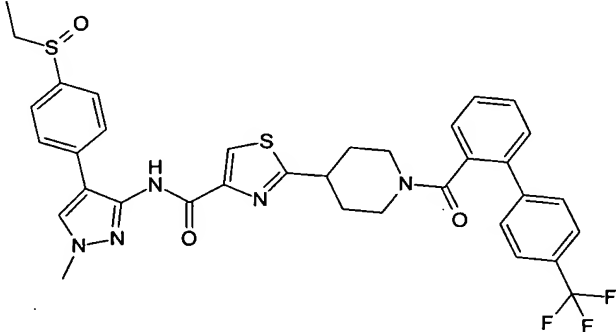
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 157 |  <p>N-[3-chloro-4-(nitroacetyl)phenyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 158 |  <p>N-({3-(benzyloxy)-1-[4-(2-hydroxyethyl)benzyl]cyclobutyl}methyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

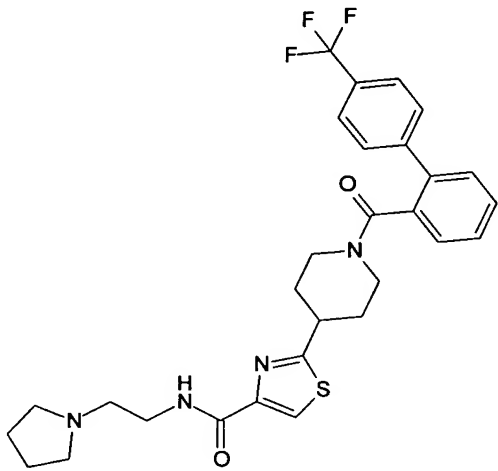
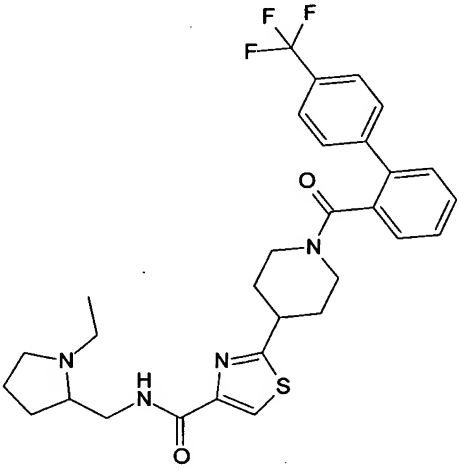
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 159 |  <p>7-(4-methoxyphenyl)-5-([2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl)carbonyl]-5,6,7,8-tetrahydro-4H-thieno[3,2-c]azepine</p> | |
| 160 |  <p>3-phenyl-1-([2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl)carbonyl]-1H-pyrrolo[2,3-b]pyridine</p> | |

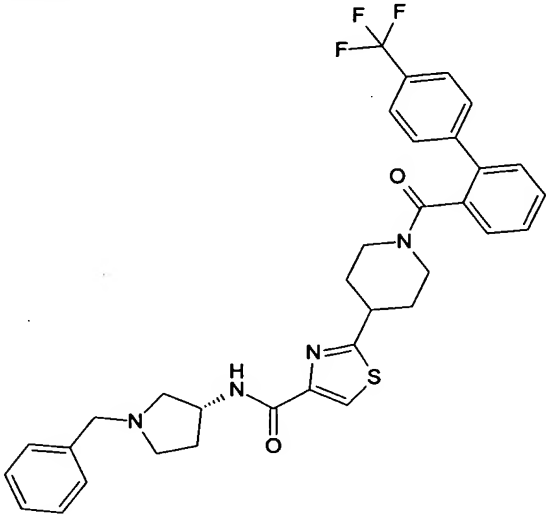
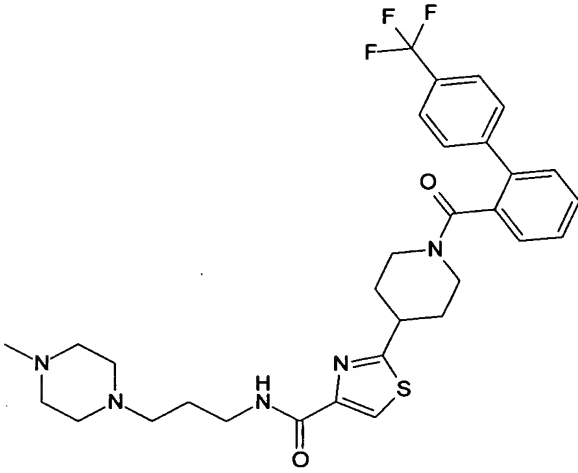
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 161 |  <p>N-benzyl-N-pyridin-2-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 162 |  <p>N-[2-(2-methoxyphenoxy)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 163 |  <p>N-[2-(2-ethoxycarbonyl-4-methyl-1H-imidazol-5-yl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

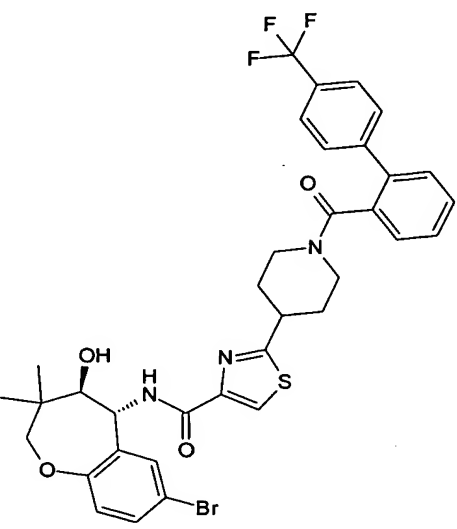
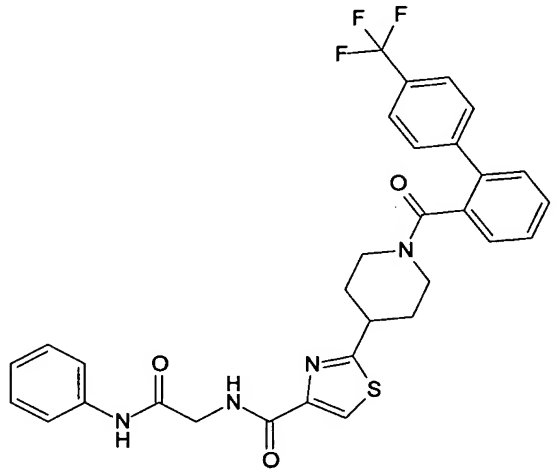
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 164 |  | |
| 165 |  <p data-bbox="310 1241 1222 1297">N-(4-cyano-1,3-dimethyl-1H-pyrazol-5-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 166 |  | |

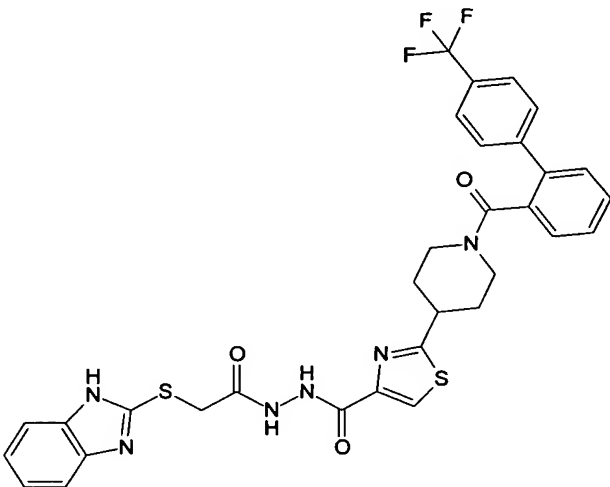
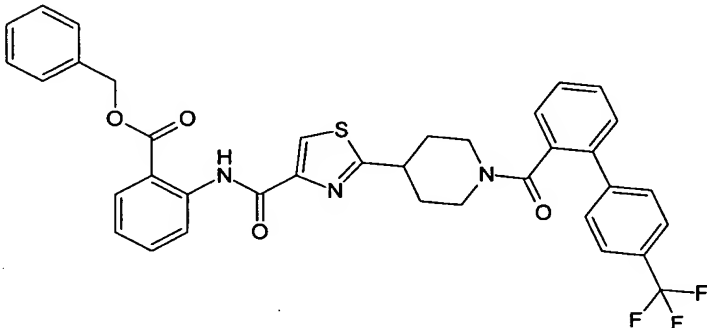
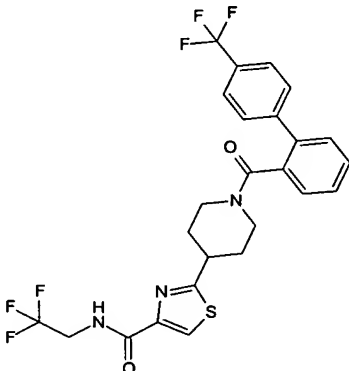
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 167 |  | |
| 168 |  <p data-bbox="310 1241 1230 1297">4-chlorophenyl 4-({[2-(1-{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl}carbonyl)amino)benzoate</p> | |
| 169 |  <p data-bbox="310 1682 1219 1738">N-{1-methyl-4-[4-(methanesulfonyl)phenyl]-1H-pyrazol-3-yl}-2-(1-{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl-1,3-thiazole-4-carboxamide</p> | |

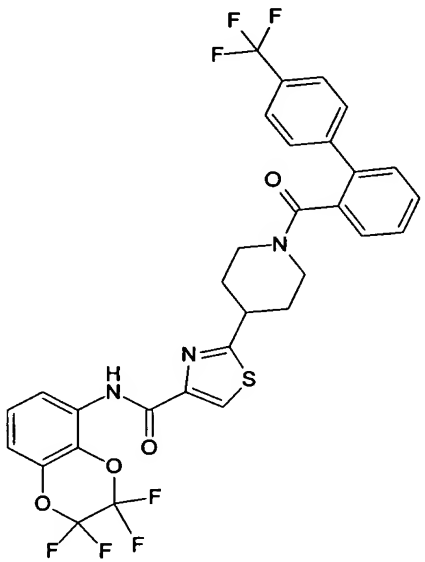
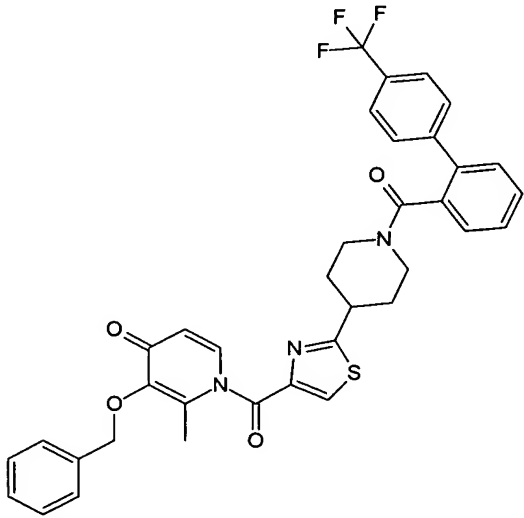
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 170 |  <p data-bbox="310 674 1227 737">N-[4-(4-methoxyphenyl)-1-methyl-1H-pyrazol-3-yl]-2-(1-[[4'-(trifluoromethyl)-biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 171 |  | |
| 172 |  | |

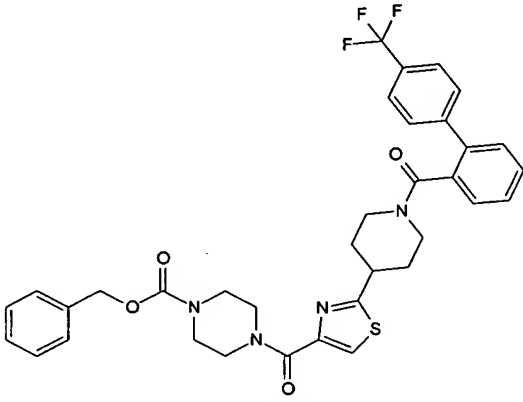
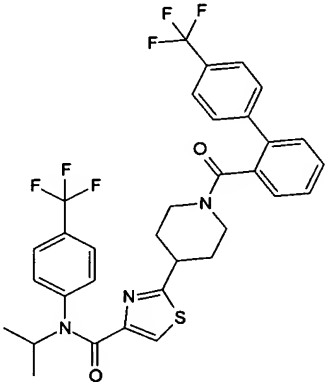
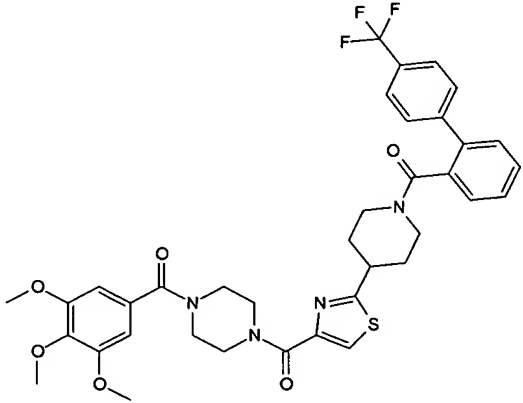
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 173 |  <p>N-(2-pyrrolidin-1-ylethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 174 |  <p>N-[(1-ethylpyrrolidin-2-yl)methyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

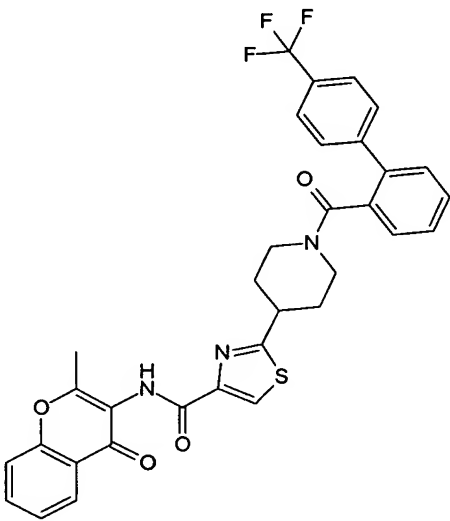
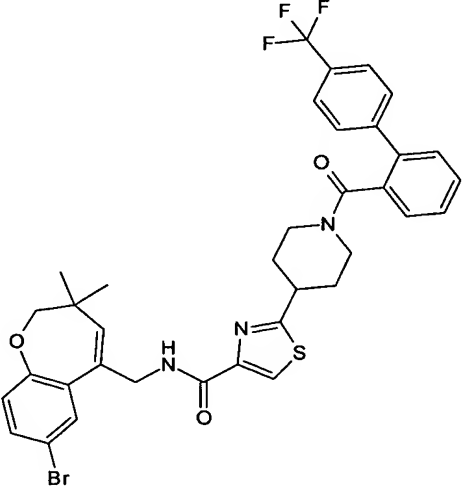
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 175 | <p data-bbox="516 352 602 380">CHIRAL</p>  <p data-bbox="310 926 1159 982">N-[(3R)-1-benzylpyrrolidin-3-yl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 176 |  <p data-bbox="310 1556 1214 1612">N-[3-(4-methylpiperazin-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

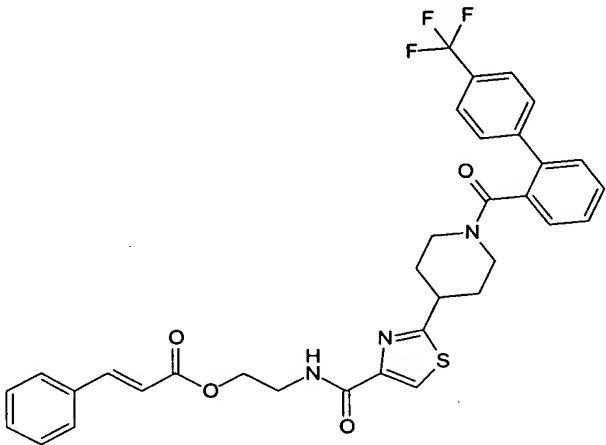
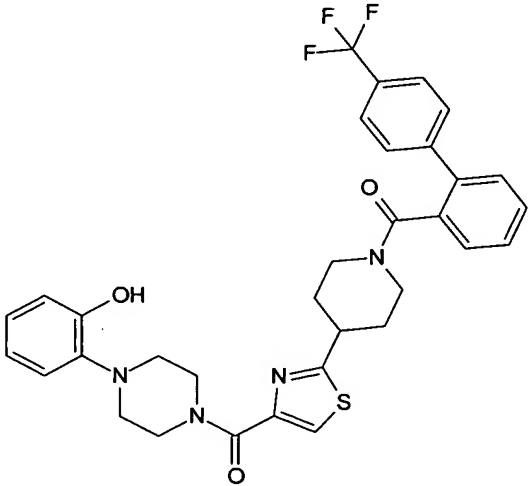
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 177 |  <p>The structure of compound 177 features a 1-benzoxepin-5-yl core. At the 7-position, there is a bromine atom and a 3,3-dimethyl-4-hydroxy-2,3,4,5-tetrahydro-1H-benzoxepin-2-yl group. The 2-position of the benzoxepin is substituted with a 1,3-thiazole-4-carboxamide group. The thiazole ring is further substituted at the 2-position with a piperidin-4-yl group, which is in turn connected via its nitrogen atom to a carbonyl group. This carbonyl is part of a biphenyl system, specifically a 4'-(trifluoromethyl)biphenyl-2-yl group.</p> <p>N-[(4R,5R)-7-bromo-4-hydroxy-3,3-dimethyl-2,3,4,5-tetrahydro-1-benzoxepin-5-yl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 178 |  <p>The structure of compound 178 consists of a biphenyl-2-yl group connected via its nitrogen atom to a carbonyl group. This carbonyl is part of a 1,3-thiazole-4-carboxamide system. The thiazole ring is substituted at the 2-position with a piperidin-4-yl group. The 4-position of the piperidine ring is connected to a carbonyl group, which is further connected to a 2-phenylacetamide group.</p> | |

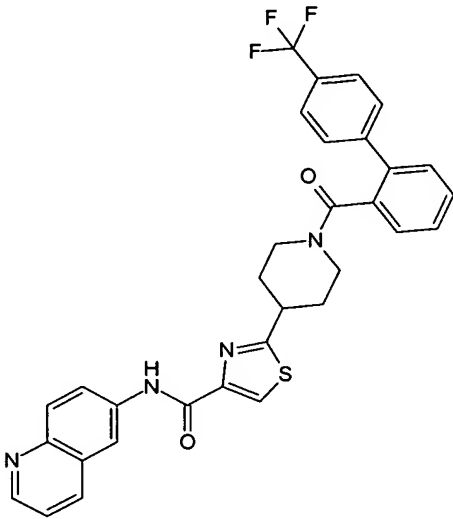
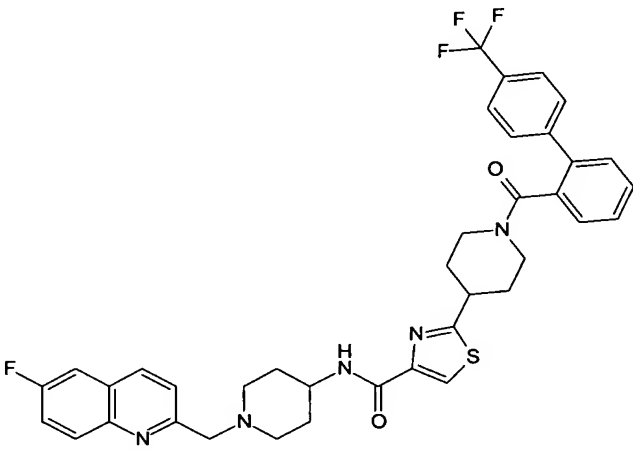
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 179 |  <p>N'-[(1H-benzimidazol-2-ylthio)acetyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl}piperidin-4-yl)-1,3-thiazole-4-carbohydrazide</p> | |
| 180 |  <p>N-(2,2,2-trifluoroethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 181 |  <p>N-(2,2,2-trifluoroethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

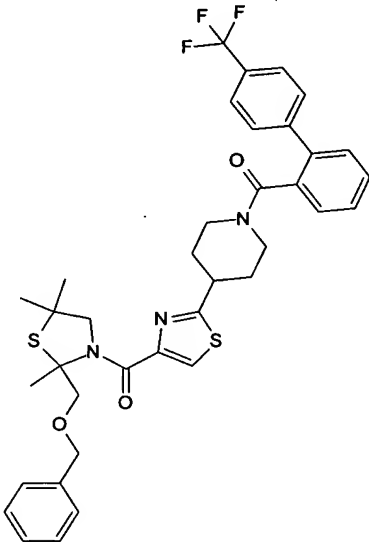
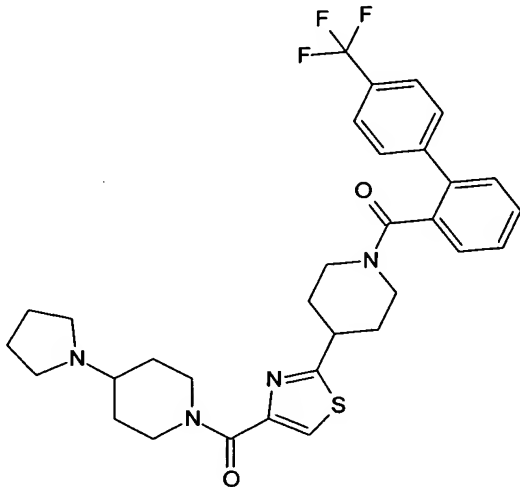
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|-----|--|-------------|
| 182 |  <p data-bbox="308 945 1201 1008">N-(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-5-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 183 |  <p data-bbox="308 1585 1218 1648">3-(benzyloxy)-2-methyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)pyridin-4(1H)-one</p> | |

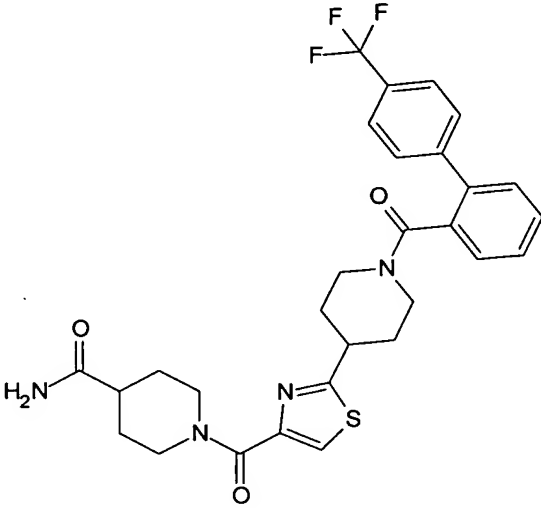
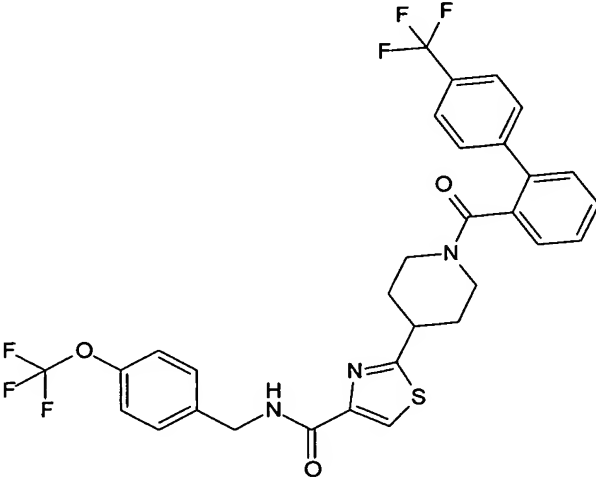
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|-----|--|-------------|
| 184 |  <p>benzyl 4-({2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl}carbonyl)piperazine-1-carboxylate</p> | |
| 185 |  <p>N-isopropyl-2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-N-[4-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 186 |  | |

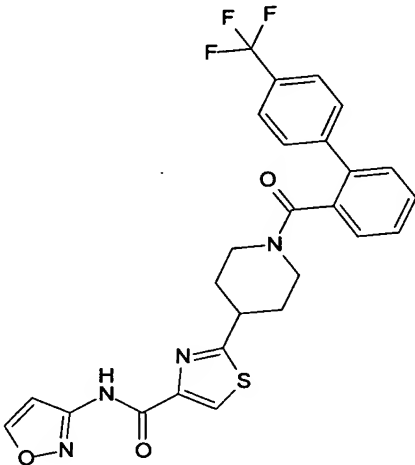
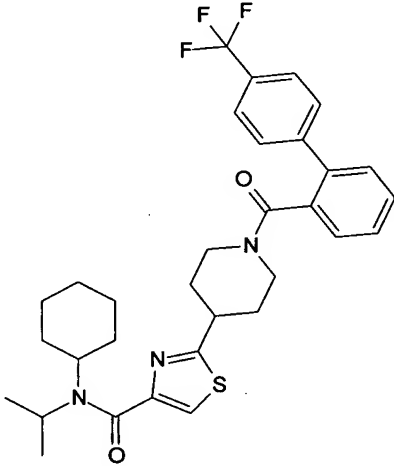
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|-----|--|-------------|
| 187 |  <p data-bbox="310 905 1230 961">N-(2-methyl-4-oxo-4H-chromen-3-yl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 188 |  <p data-bbox="310 1556 1203 1633">N-[(7-bromo-3,3-dimethyl-2,3-dihydro-1-benzoxepin-5-yl)methyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

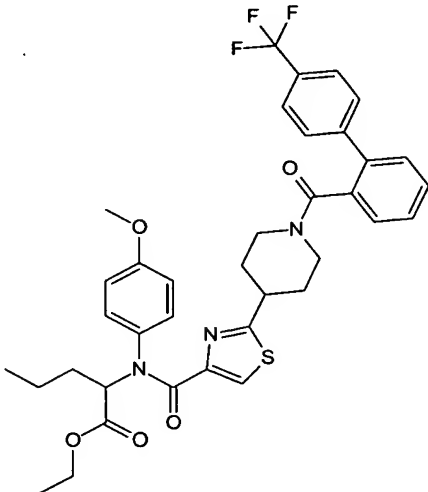
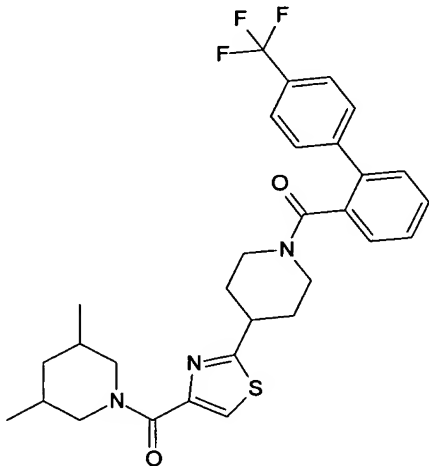
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 189 |  <p data-bbox="310 814 1149 877">2-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)amino)ethyl (2E)-3-phenylacrylate</p> | |
| 190 |  <p data-bbox="310 1444 1175 1507">2-(4-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)piperazin-1-yl)phenol</p> | |

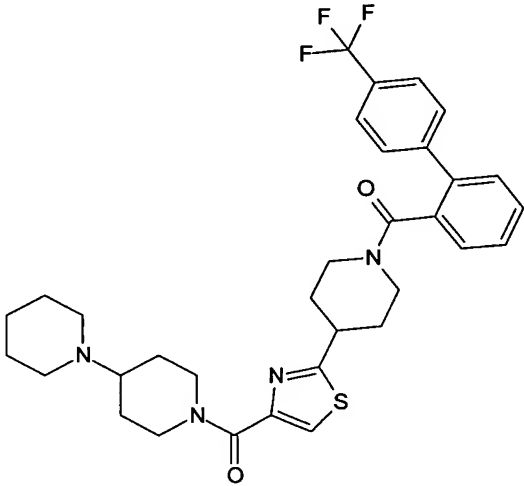
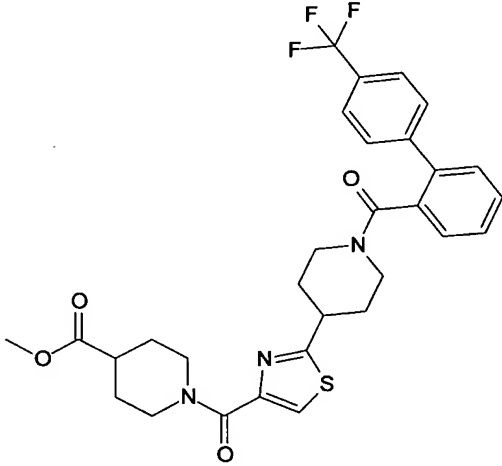
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 191 |  <p data-bbox="310 905 1203 961">N-quinolin-6-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 192 |  <p data-bbox="310 1535 1203 1591">N-{1-[(6-fluoroquinolin-2-yl)methyl]piperidin-4-yl}-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

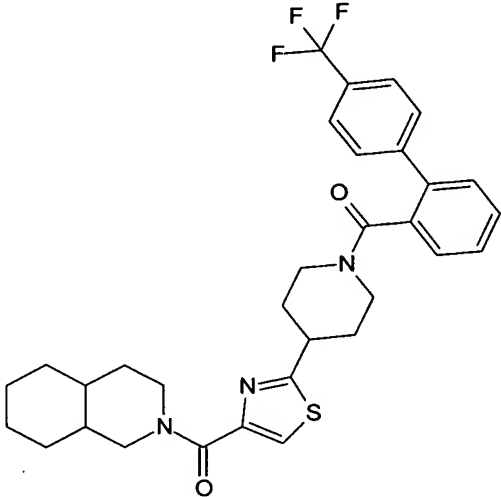
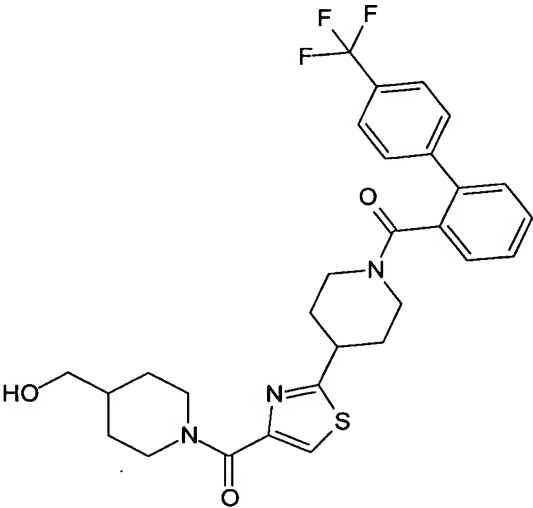
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 193 |  <p data-bbox="310 926 1192 989">4-[4-({2-[(benzyloxy)methyl]-2,5,5-trimethyl-1,3-thiazolidin-3-yl}carbonyl)-1,3-thiazol-2-yl]-1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidine</p> | |
| 194 |  <p data-bbox="310 1577 1230 1640">4-pyrrolidin-1-yl-1-{{2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl}carbonyl}piperidine</p> | |

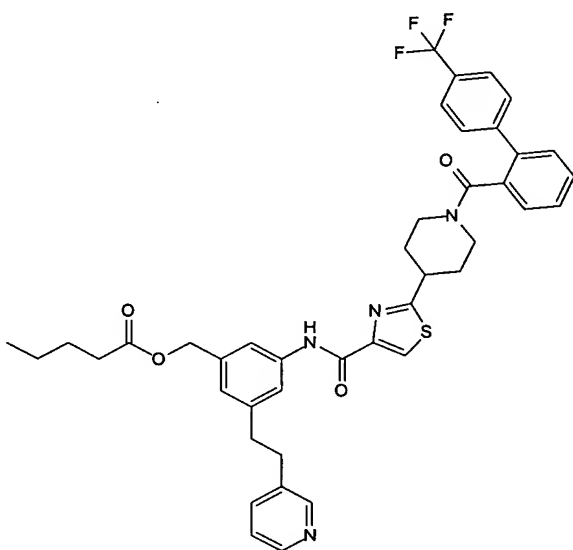
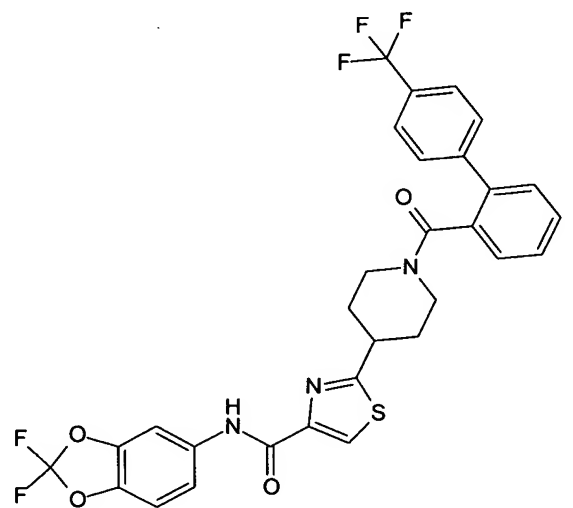
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 195 |  <p>1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperidine-4-carboxamide</p> | |
| 196 |  <p>N-[4-(trifluoromethoxy)benzyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

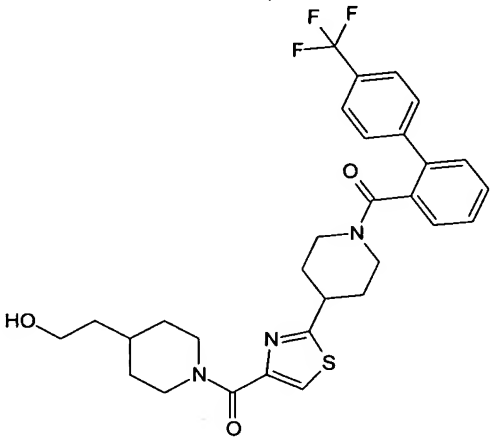
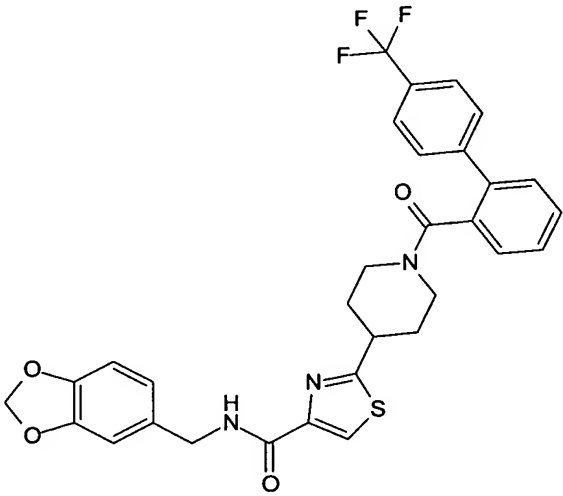
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 197 |  <p>N-isoxazol-3-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 198 |  <p>N-cyclohexyl-N-isopropyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

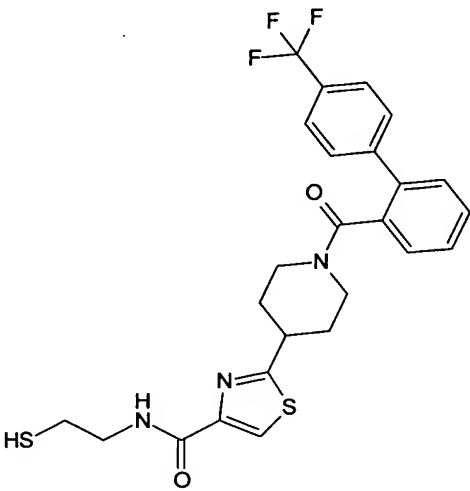
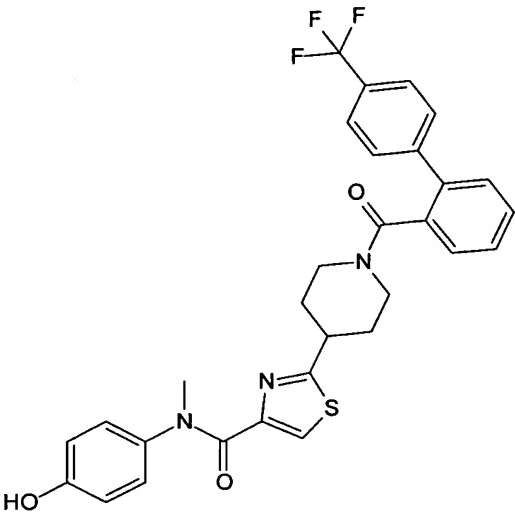
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 199 |  <p>ethyl N-(4-methoxyphenyl)-N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl)carbonyl)norvalinate</p> | |
| 200 |  <p>3,5-dimethyl-1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl)carbonyl)piperidine</p> | |

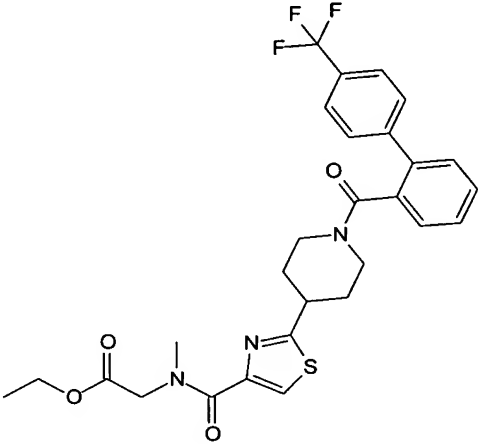
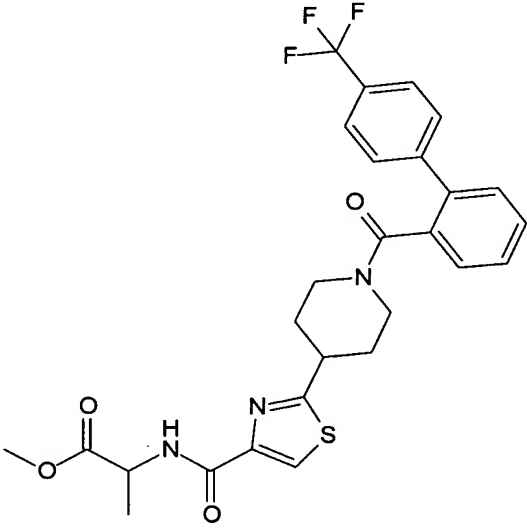
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 201 |  <p>1'-[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1,4'-bipiperidine</p> | |
| 202 |  <p>methyl 1-[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperidine-4-carboxylate</p> | |

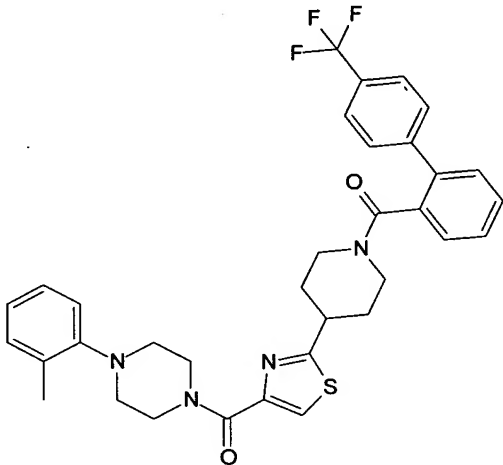
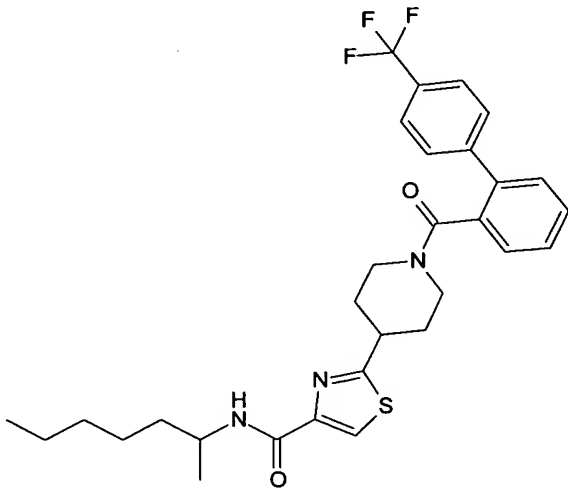
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 203 |  <p>2-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)decahydroisoquinoline</p> | |
| 204 |  <p>(1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidin-4-yl)methanol</p> | |

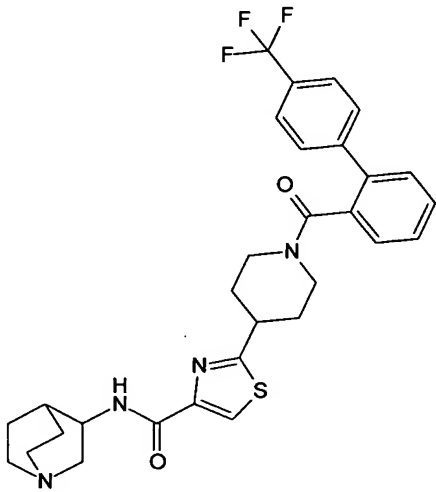
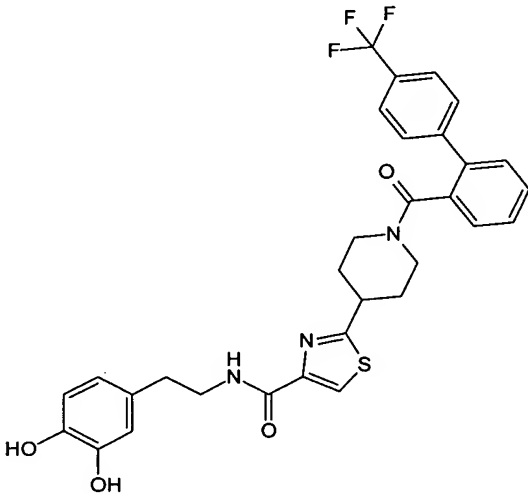
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 205 |  <p>3-(2-pyridin-3-ylethyl)-5-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]amino)benzyl pentanoate</p> | |
| 206 |  <p>N-(2,2-difluoro-1,3-benzodioxol-5-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

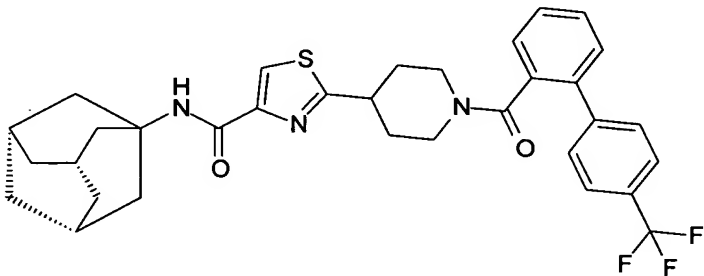
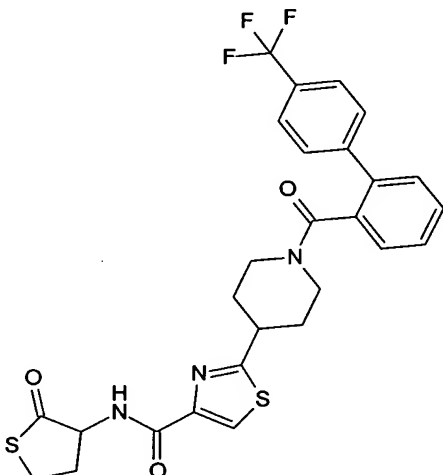
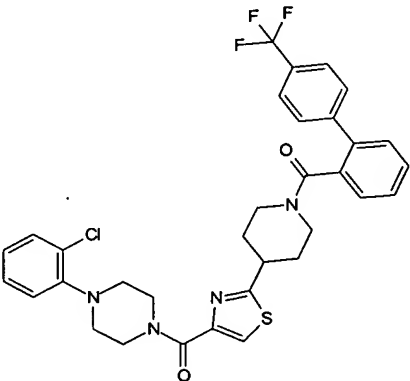
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 207 |  <p>2-(1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidin-4-yl)ethanol</p> | |
| 208 |  <p>N-(1,3-benzodioxol-5-ylmethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

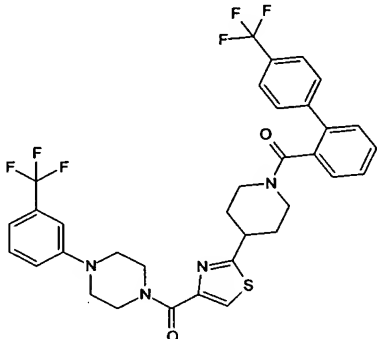
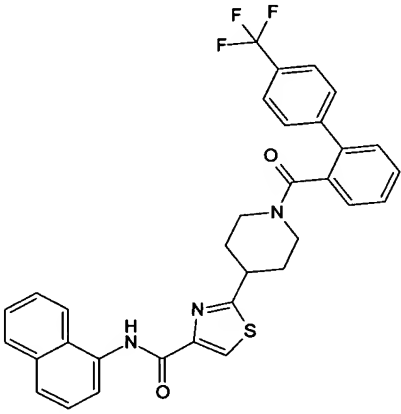
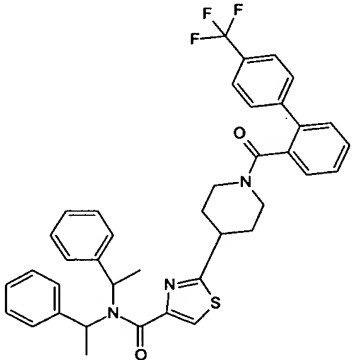
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 209 |  <p data-bbox="310 877 1141 940">N-(2-mercaptoethyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 210 |  <p data-bbox="310 1549 1149 1612">N-(4-hydroxyphenyl)-N-methyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

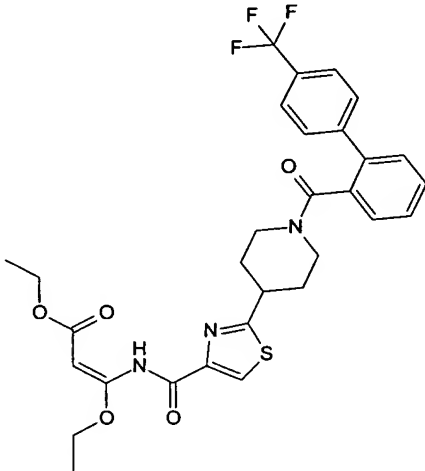
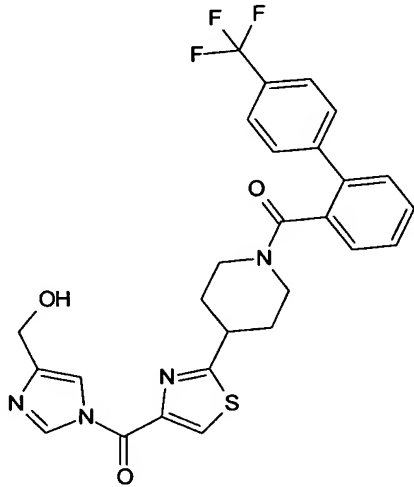
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 211 |  <p>ethyl N-methyl-N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycinate</p> | |
| 212 |  <p>methyl N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}alaninate</p> | |

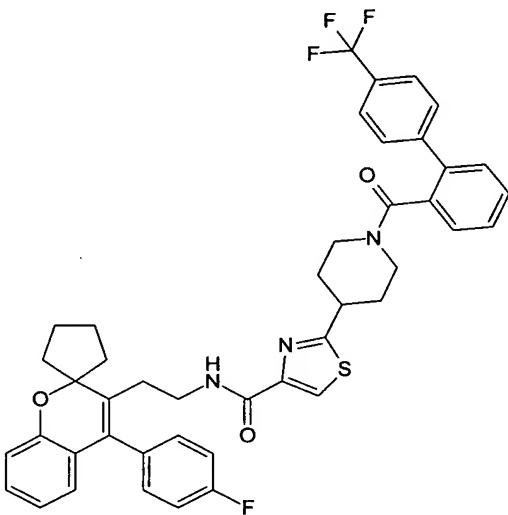
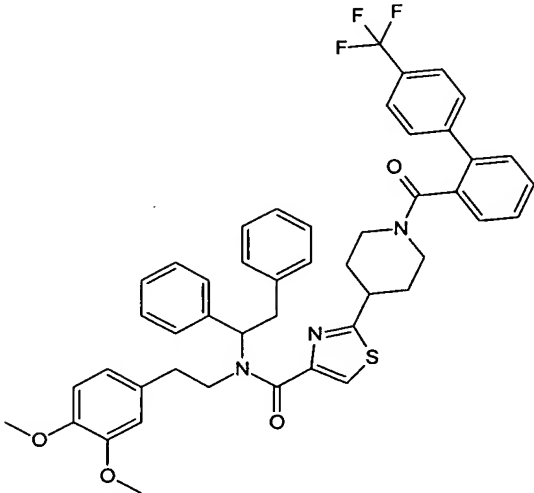
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 213 |  <p>1-(2-methylphenyl)-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine</p> | |
| 214 |  <p>N-(1-methylhexyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

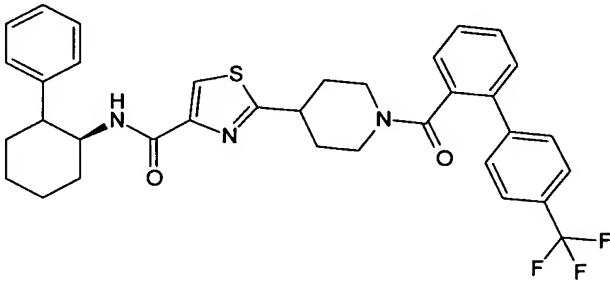
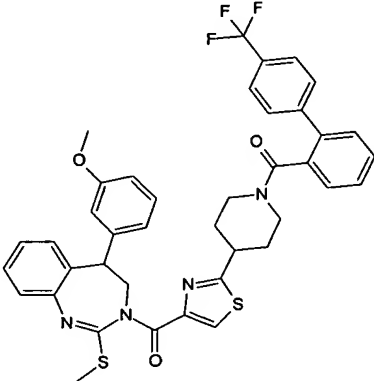
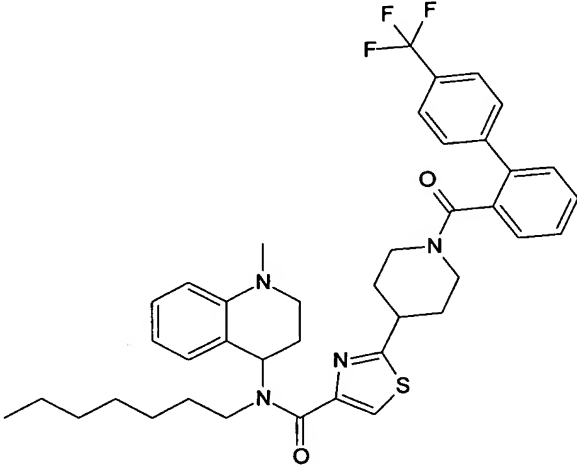
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 215 |  <p data-bbox="310 884 1133 940">N-1-azabicyclo[2.2.2]oct-3-yl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 216 |  <p data-bbox="310 1514 1175 1570">N-[2-(3,4-dihydroxyphenyl)ethyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

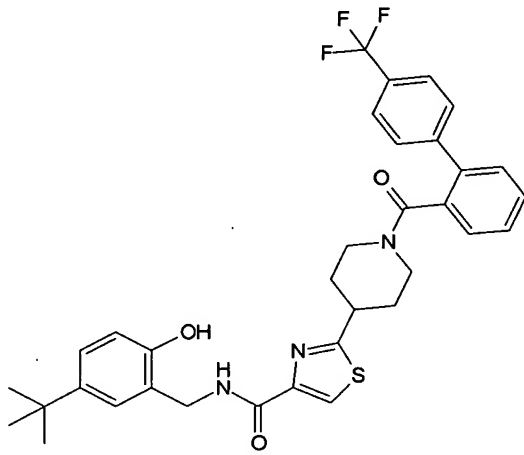
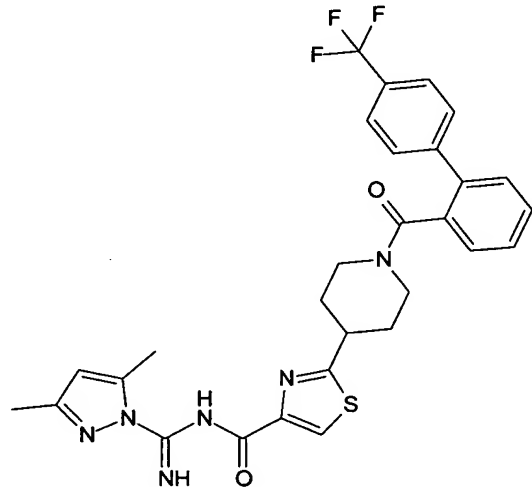
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 217 |  <p data-bbox="313 646 1112 703">N-[(3s,5s,7s)-1-adamanty]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 218 |  <p data-bbox="313 1260 1136 1316">N-(2-oxotetrahydro-3-thienyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 219 |  <p data-bbox="313 1791 1161 1848">1-(2-chlorophenyl)-4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p> | |

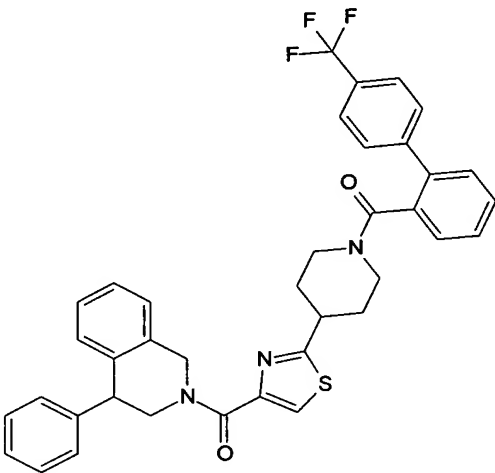
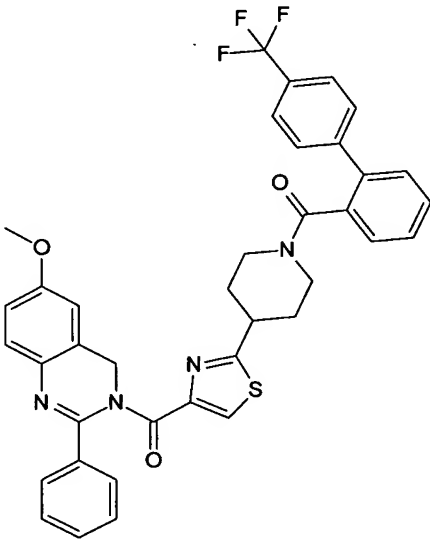
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 220 |  <p>1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-4-[3-(trifluoromethyl)phenyl]piperazine</p> | |
| 221 |  <p>N-1-naphthyl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 222 |  <p>N,N-bis(1-phenylethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

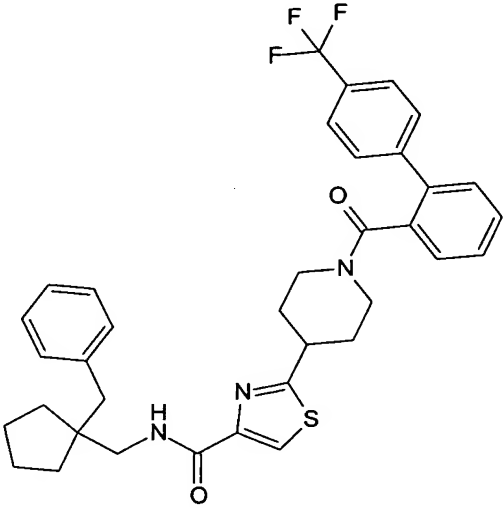
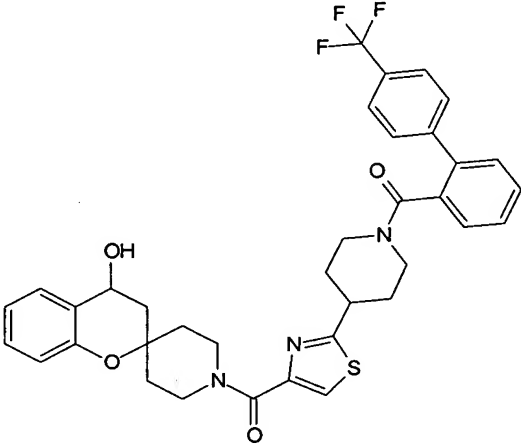
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 223 |  <p>ethyl (2E)-3-ethoxy-3-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)amino)acrylate</p> | |
| 224 |  <p>(1-((2-((1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)-1H-imidazol-4-yl)methanol</p> | |

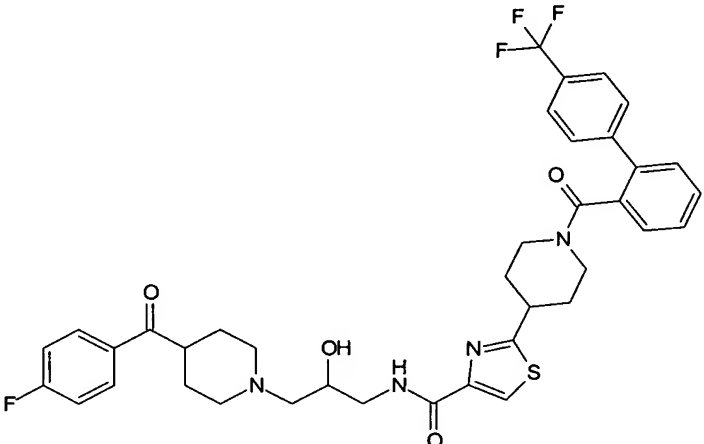
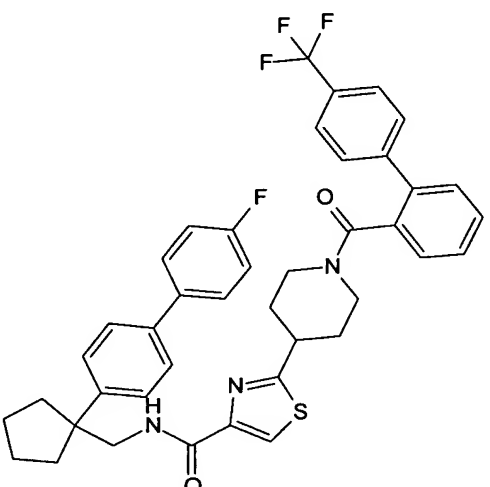
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 225 |  <p data-bbox="310 905 1203 989">N-[2-{4-(4-fluorophenyl)spiro[chromene-2,1'-cyclopentan]-3-yl}ethyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 226 |  <p data-bbox="310 1598 1203 1661">N-[2-(3,4-dimethoxyphenyl)ethyl]-N-(1,2-diphenylethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

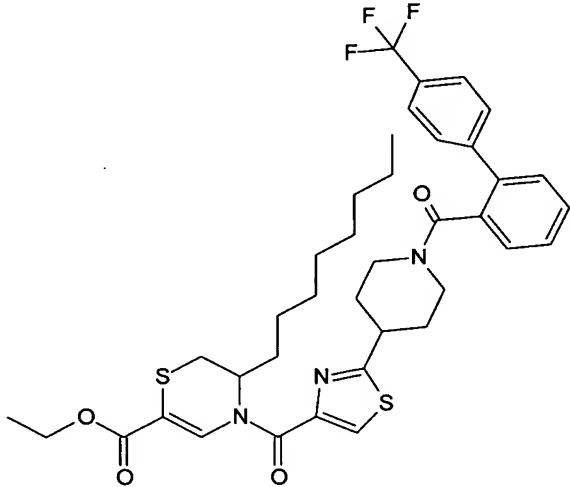
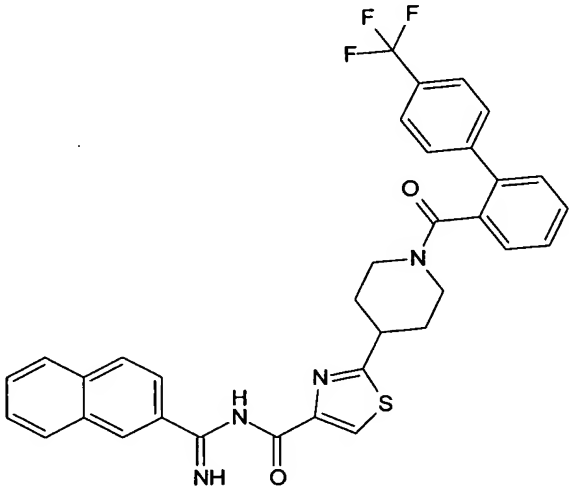
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 227 |  | |
| 228 |  <p>5-(3-methoxyphenyl)-2-(methylthio)-3-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-4,5-dihydro-3H-1,3-benzodiazepine</p> | |
| 229 |  <p>N-heptyl-N-(1-methyl-1,2,3,4-tetrahydroquinolin-4-yl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

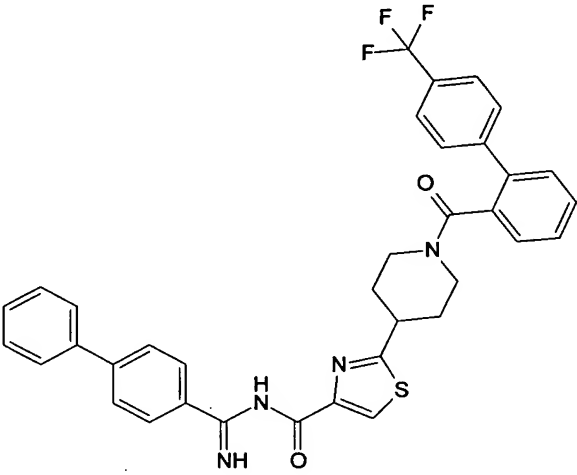
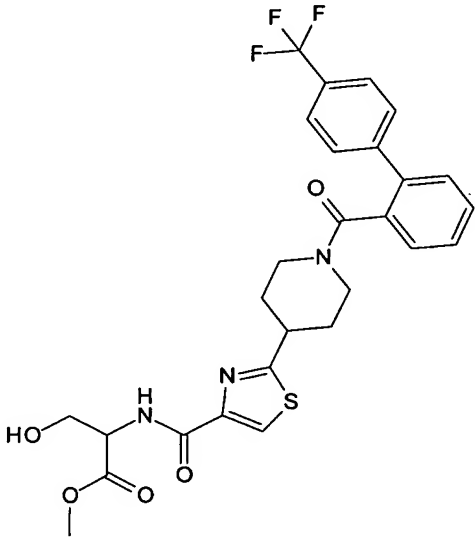
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 230 |  <p data-bbox="308 840 1169 903">N-(5-tert-butyl-2-hydroxybenzyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 231 |  <p data-bbox="308 1512 1193 1575">N-[(3,5-dimethyl-1H-pyrazol-1-yl)(imino)methyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

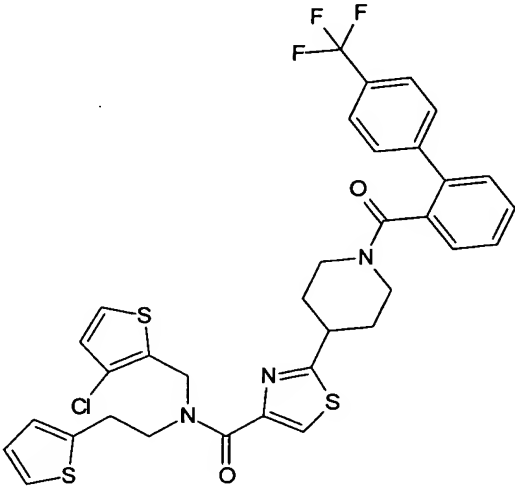
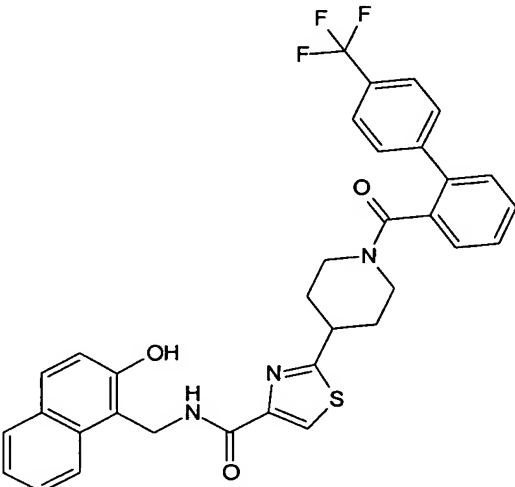
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 232 |  <p>4-phenyl-2-{[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,2,3,4-tetrahydroisoquinoline</p> | |
| 233 |  <p>6-methoxy-2-phenyl-3-{[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-3,4-dihydroquinazoline</p> | |

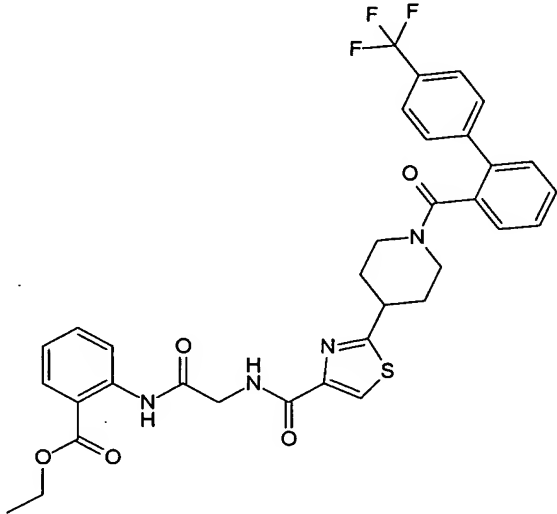
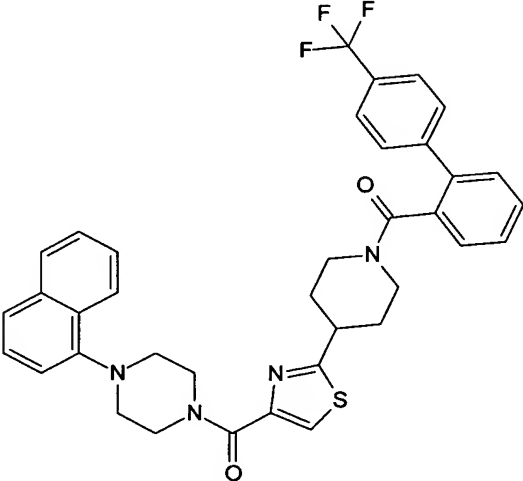
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 234 |  <p data-bbox="313 905 1170 961">N-[(1-benzylcyclopentyl)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 235 |  <p data-bbox="313 1514 1149 1570">1'-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-3,4-dihydrospiro[chromene-2,4'-piperidin]-4-ol</p> | |

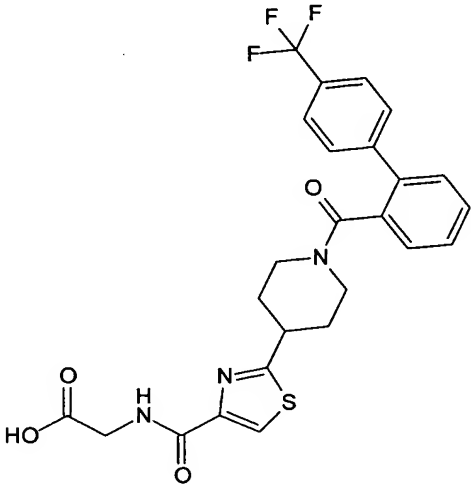
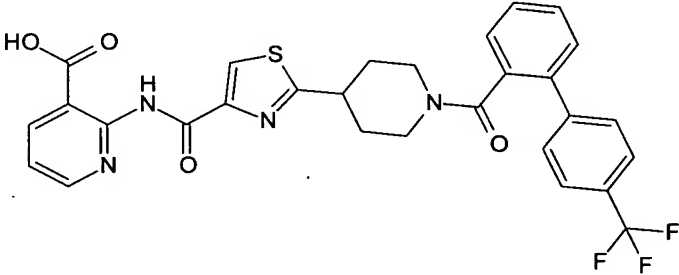
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 236 |  <p data-bbox="308 829 1218 892">N-{3-[4-(4-fluorobenzoyl)piperidin-1-yl]-2-hydroxypropyl}-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 237 |  <p data-bbox="308 1533 1218 1596">N-[[1-(4'-fluorobiphenyl-4-yl)cyclopentyl]methyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

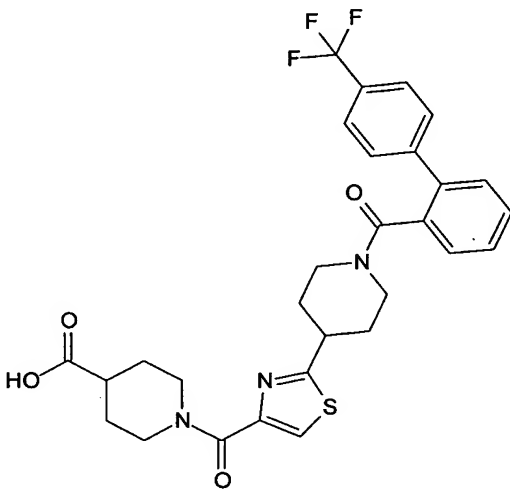
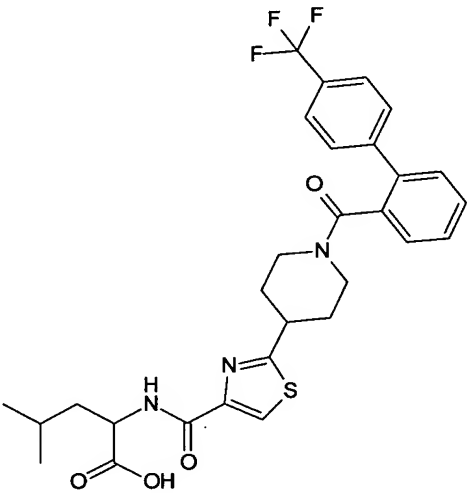
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 238 |  <p>ethyl 3-octyl-4-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-3,4-dihydro-2H-1,4-thiazine-6-carboxylate</p> | |
| 239 |  <p>N-[imino(2-naphthyl)methyl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

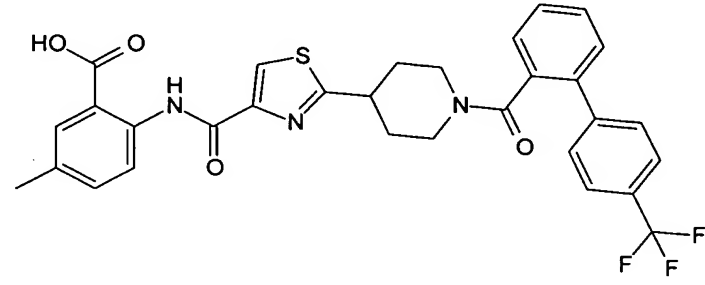
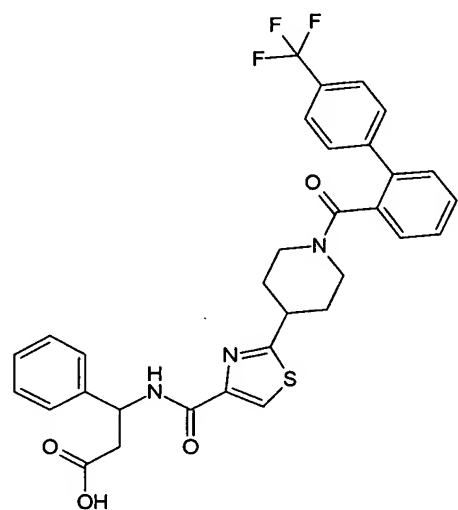
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 240 |  <p>N-[biphenyl-4-yl(imino)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 241 |  <p>methyl N-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]serinate</p> | |

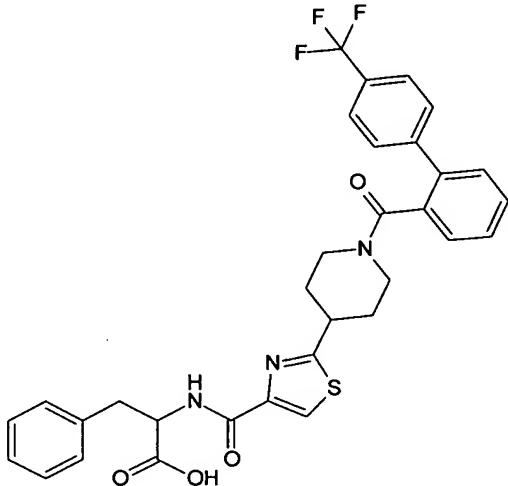
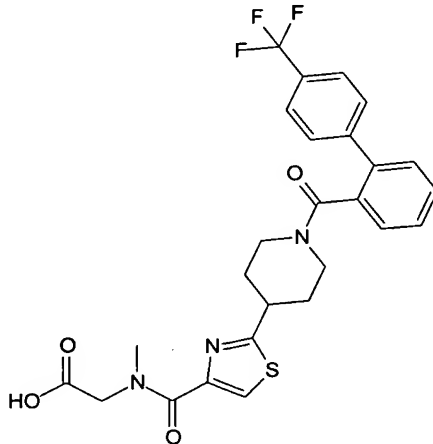
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 242 |  <p data-bbox="313 877 1187 940">N-[(3-chloro-2-thienyl)methyl]-N-[2-(2-thienyl)ethyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 243 |  <p data-bbox="313 1598 1187 1661">N-[(2-hydroxy-1-naphthyl)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

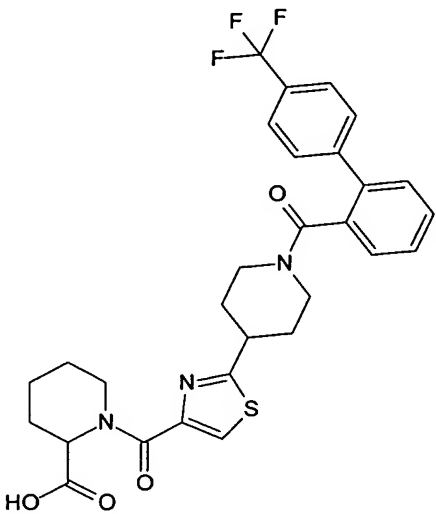
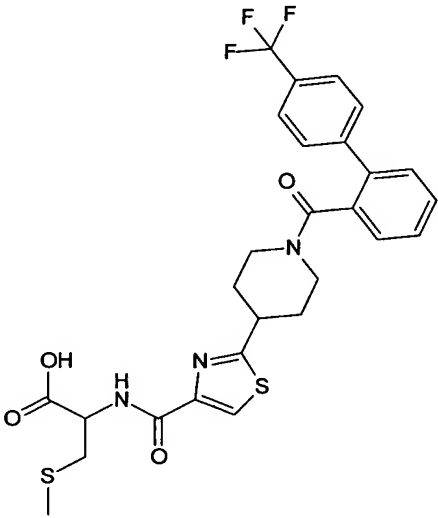
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 244 |  <p>ethyl 2-[(N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycyl)amino]benzoate</p> | |
| 245 |  <p>1-(1-naphthyl)-4-[[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p> | |

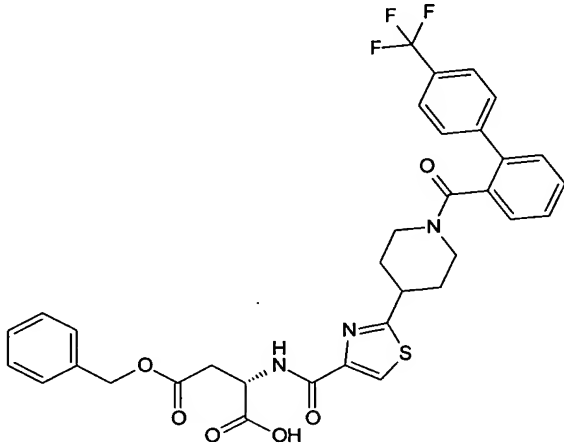
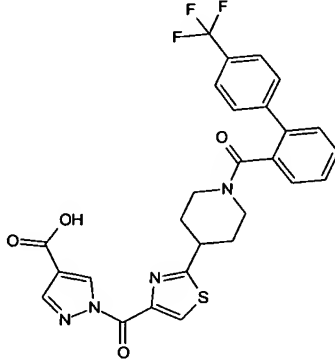
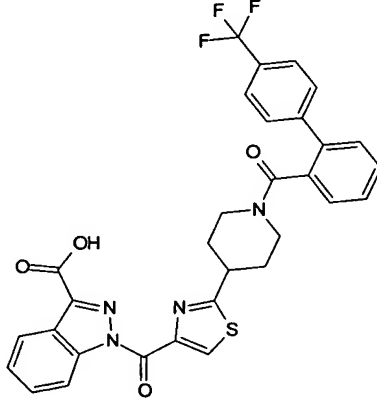
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 246 |  <p>N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycine</p> | |
| 247 |  | |

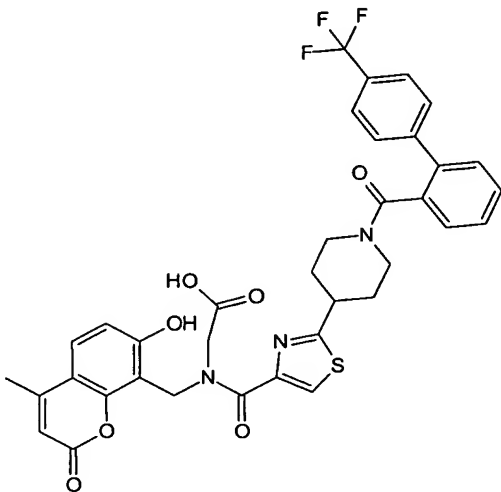
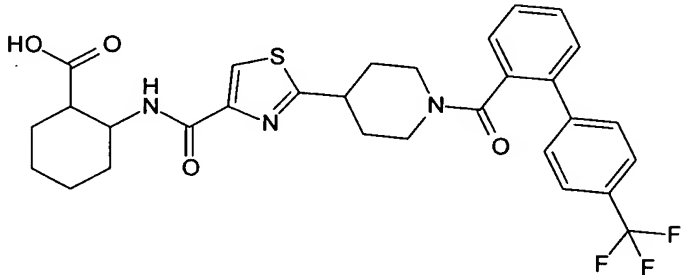
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 248 |  <p>1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidine-4-carboxylic acid</p> | |
| 249 |  <p>N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)leucine</p> | |

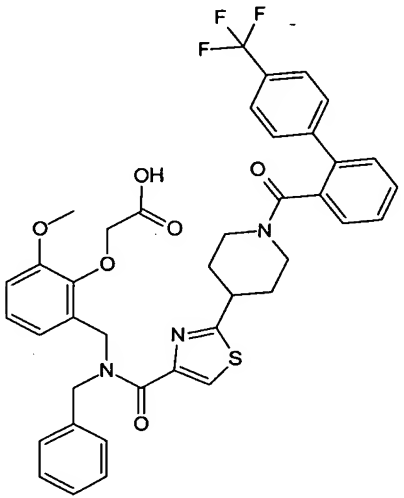
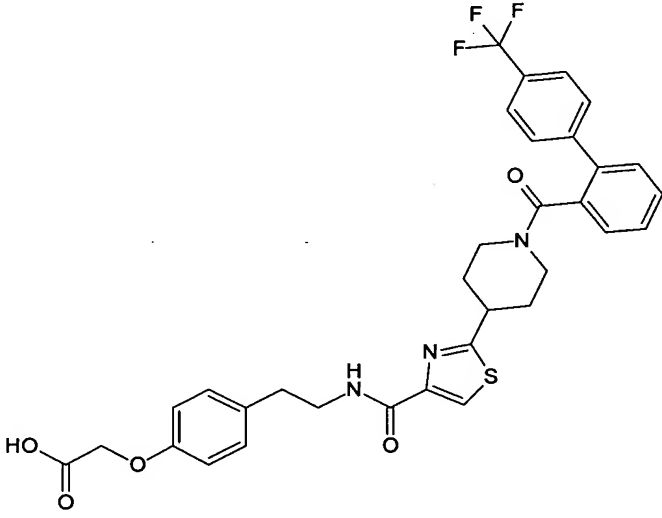
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 250 |  | |
| 251 |  <p data-bbox="302 1283 1224 1337">3-phenyl-3-({[2-(1-{{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl}amino)propanoic acid</p> | |

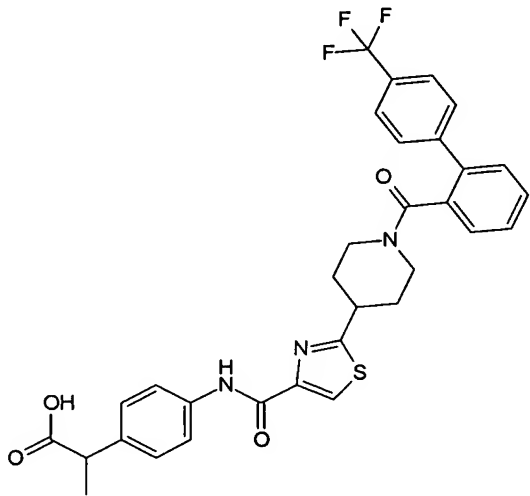
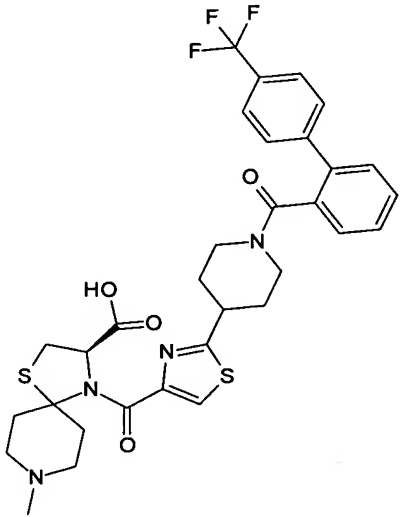
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 252 |  <p data-bbox="306 882 1144 940">N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)phenylalanine</p> | |
| 253 |  <p data-bbox="306 1507 1218 1566">N-methyl-N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)glycine</p> | |

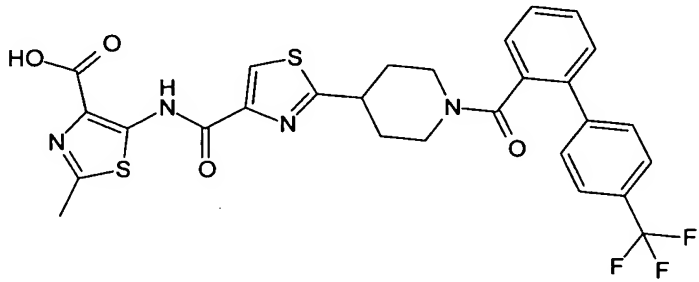
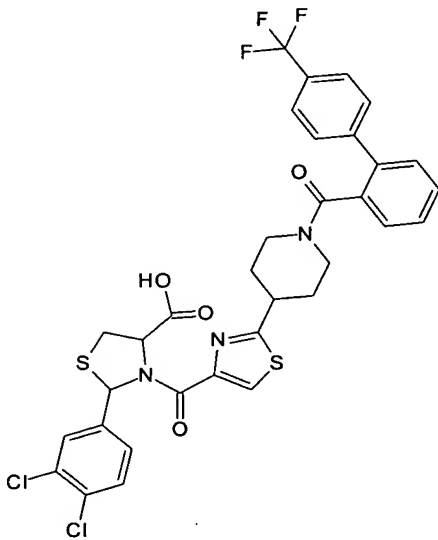
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 254 |  <p>1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperidine-2-carboxylic acid</p> | |
| 255 |  <p>S-methyl-N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)cysteine</p> | |

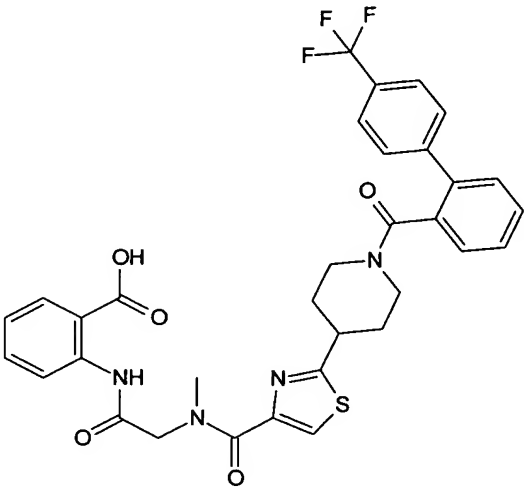
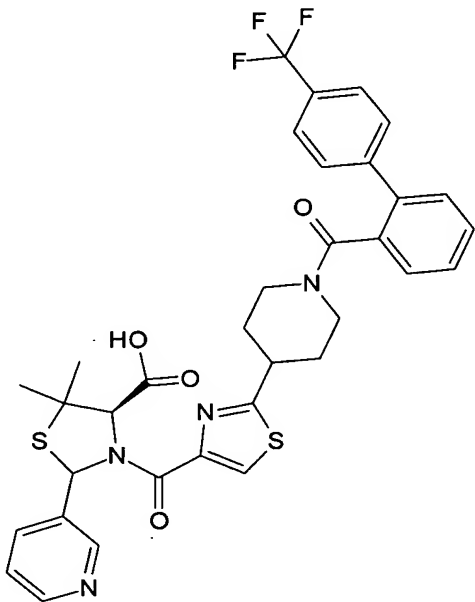
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 256 |  | |
| 257 |  <p data-bbox="308 1249 1234 1312">1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1H-pyrazole-4-carboxylic acid</p> | |
| 258 |  <p data-bbox="308 1795 1234 1858">1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1H-indazole-3-carboxylic acid</p> | |

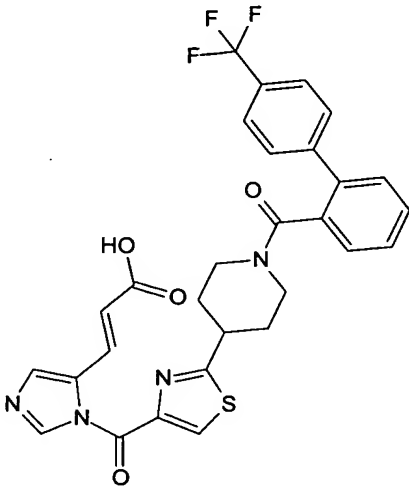
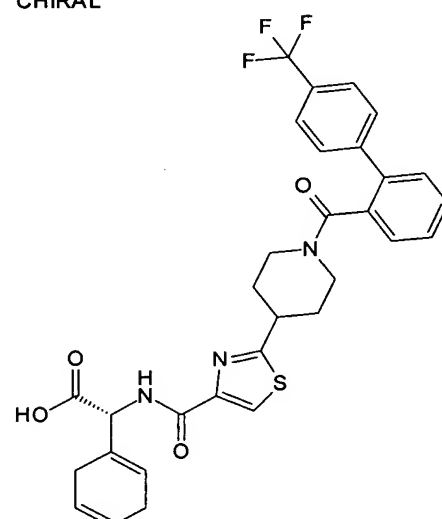
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 259 |  <p>N-[(7-hydroxy-4-methyl-2-oxo-2H-chromen-8-yl)methyl]-N-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]glycine</p> | |
| 260 |  | |

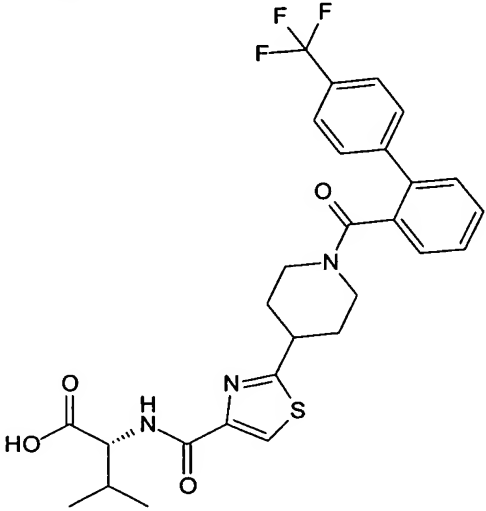
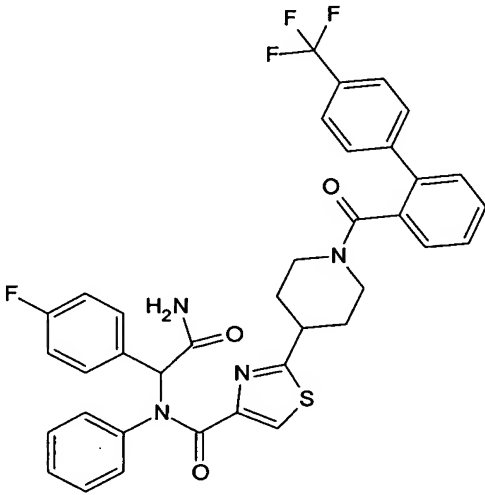
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 261 |  <p data-bbox="316 882 1209 945">{2-[(benzyl{[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl}carbonyl)amino)methyl]-6-methoxyphenoxy}acetic acid</p> | |
| 262 |  <p data-bbox="316 1554 1209 1617">{4-[2-({[2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl)amino)ethyl]phenoxy}acetic acid</p> | |

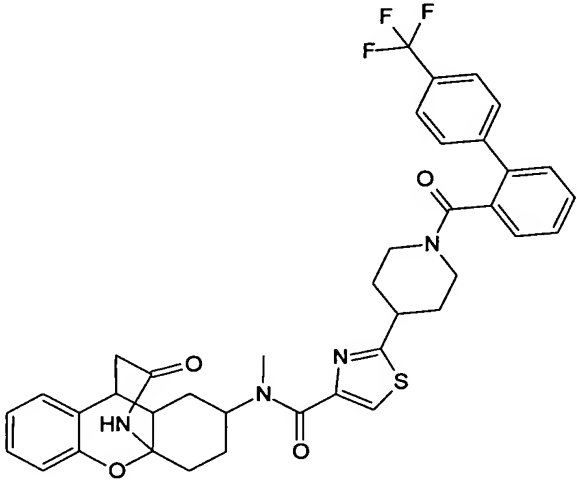
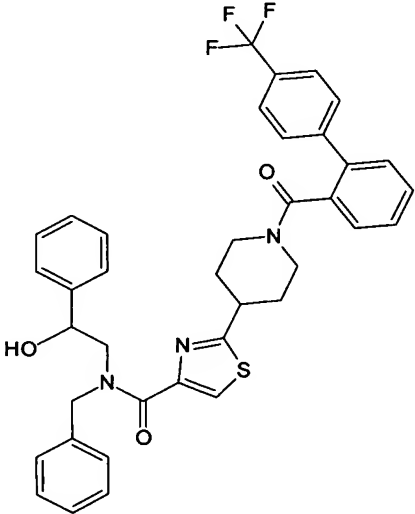
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 263 |  <p>2-[4-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)phenyl]propanoic acid</p> | |
| 264 |  <p>(3R)-8-methyl-4-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1-thia-4,8-diazaspiro[4.5]decane-3-carboxylic acid</p> | |

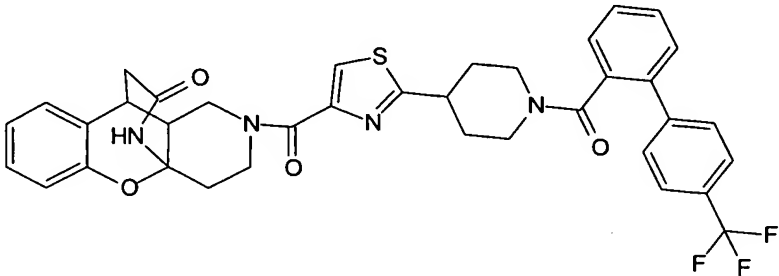
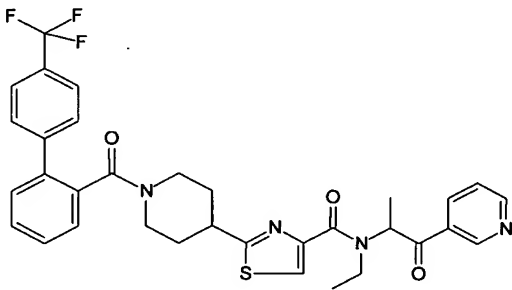
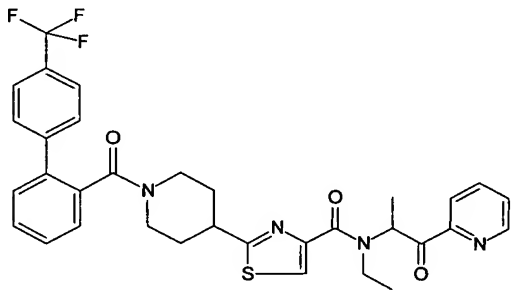
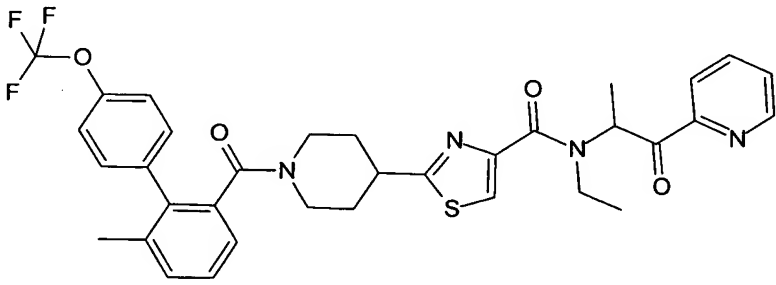
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 265 |  | |
| 266 |  <p data-bbox="310 1283 1208 1346">2-(3,4-dichlorophenyl)-3-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1,3-thiazolidine-4-carboxylic acid</p> | |

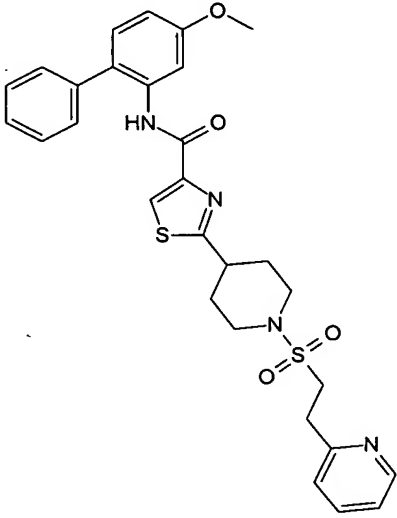
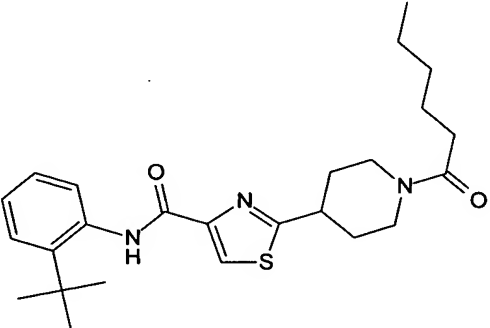
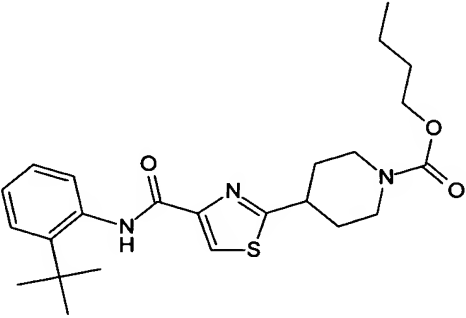
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 267 |  <p data-bbox="310 877 1227 940">2-[(N-methyl-N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycyl)amino]benzoic acid</p> | |
| 268 |  <p data-bbox="310 1644 1208 1728">(4R)-5,5-dimethyl-2-pyridin-3-yl-3-[[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1,3-thiazolidine-4-carboxylic acid</p> | |

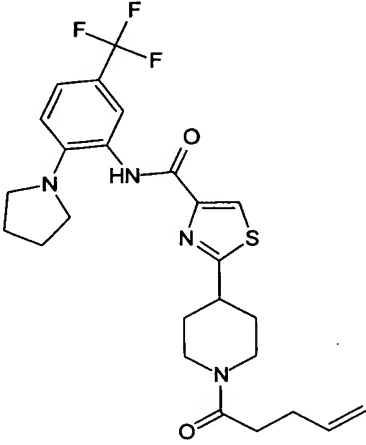
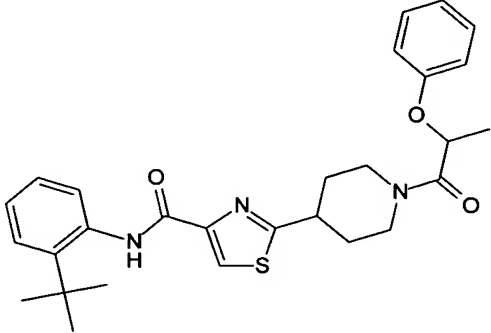
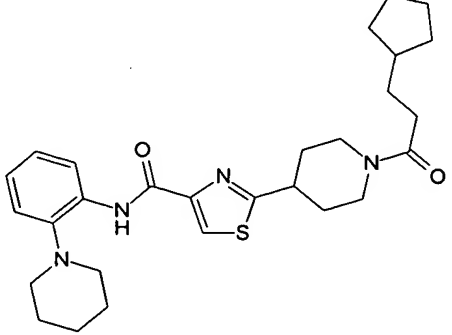
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 269 |  <p data-bbox="308 882 1185 945">(2E)-3-(1-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)-1H-imidazol-5-yl)acrylic acid</p> | |
| 270 | <p data-bbox="454 997 552 1029">CHIRAL</p>  <p data-bbox="308 1575 1153 1638">(2R)-cyclohexa-1,4-dien-1-yl([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)amino)acetic acid</p> | |

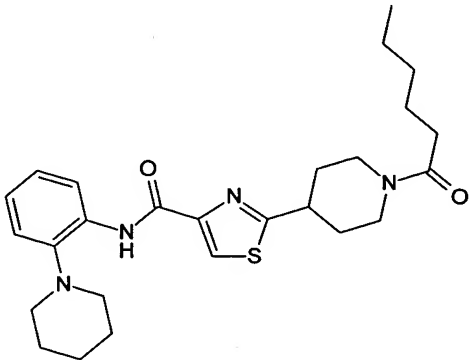
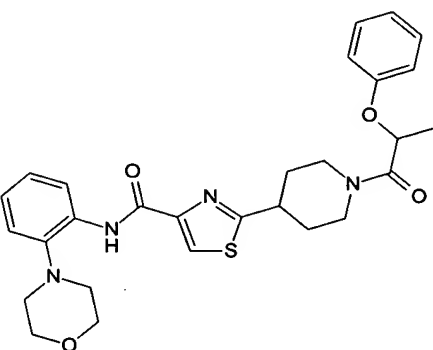
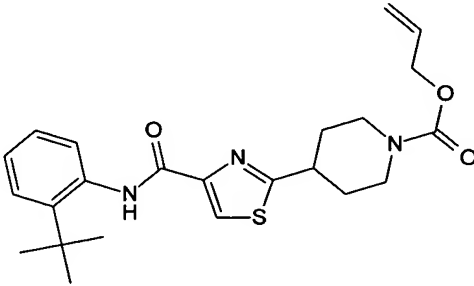
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 271 | <p data-bbox="570 359 659 384">CHIRAL</p>  <p data-bbox="313 919 1153 982">N-([2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-D-valine</p> | |
| 272 |  <p data-bbox="313 1598 1185 1661">N-[2-amino-1-(4-fluorophenyl)-2-oxoethyl]-N-phenyl-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

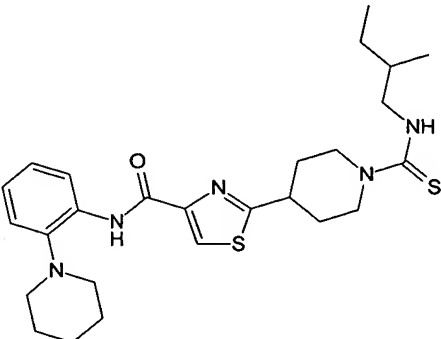
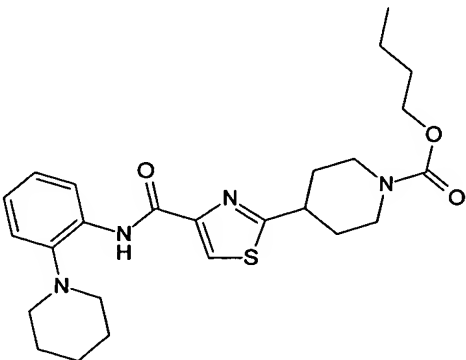
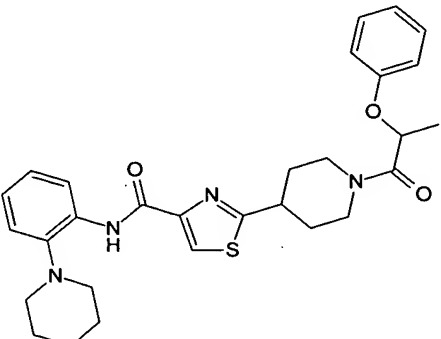
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 273 |  <p>N-methyl-N-[12-oxo-1,2,3,4,9,9a-hexahydro-4a,9-(epiminoethano)xanthen-2-yl]-2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 274 |  <p>N-benzyl-N-(2-hydroxy-2-phenylethyl)-2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

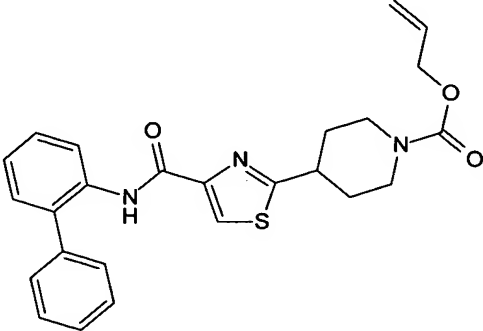
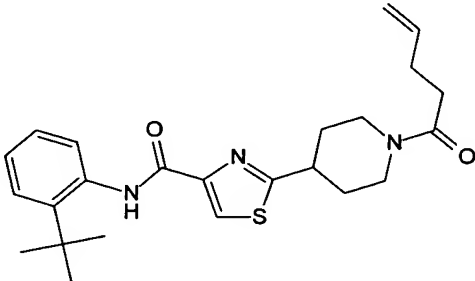
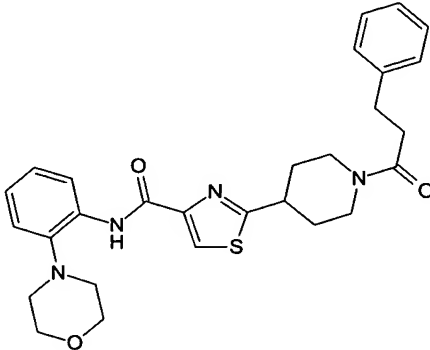
| No. | FORMULA | NMR or mass |
|-----|--|--|
| 275 |  | |
| 276 |  | |
| 277 |  | (CDCI ₃) : 1.27-1.21 (16H, m); 1.27-1.26 (1H, m); 1.24-1.26 (1H, m); 1.21-1.27 (13H, m). |
| 278 |  | (CDCI ₃) : 1.23-1.29 (19H, m); 1.28-1.27 (1H, m); 1.27-1.27 (1H, m); 1.20-1.25 (12H, m). |

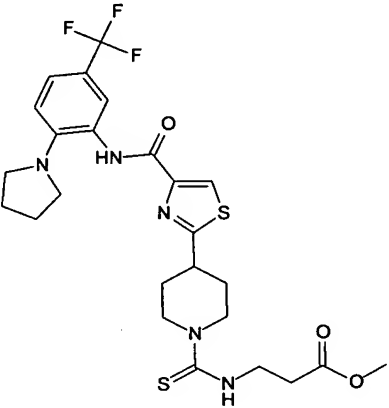
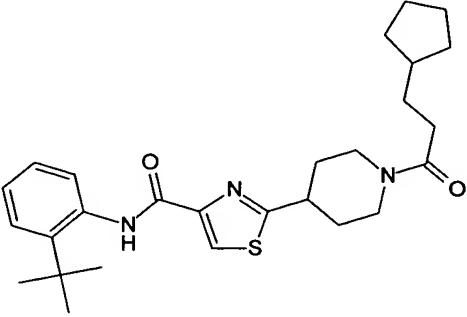
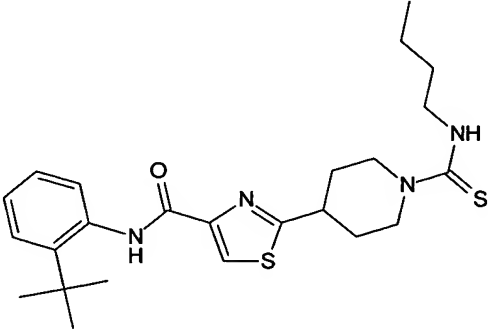
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 279 |  <p data-bbox="313 905 1227 961">N-(4-methoxybiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 280 |  | |
| 281 |  | |

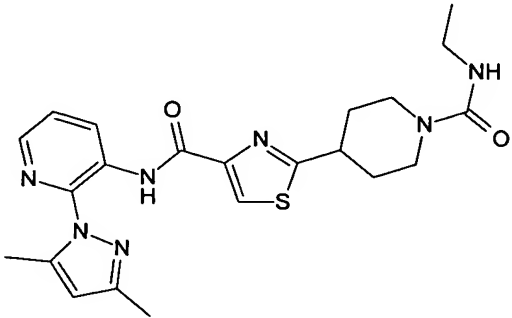
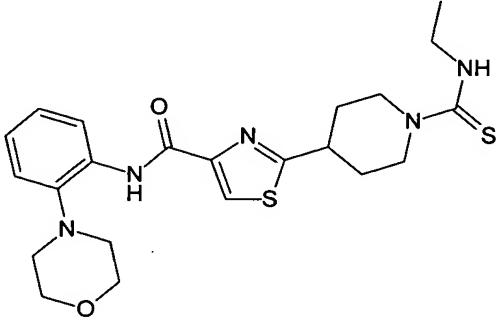
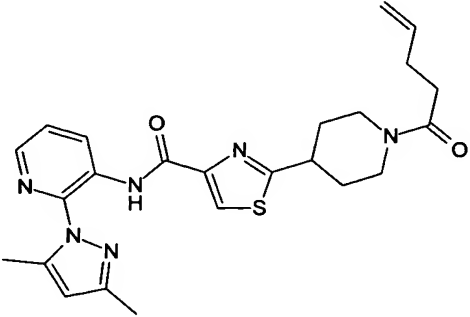
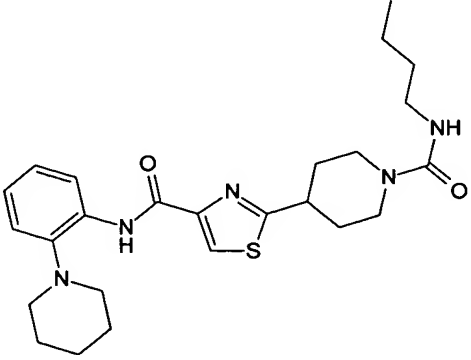
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 282 |  <p>2-(1-pent-4-enoylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 283 |  | |
| 284 |  | |

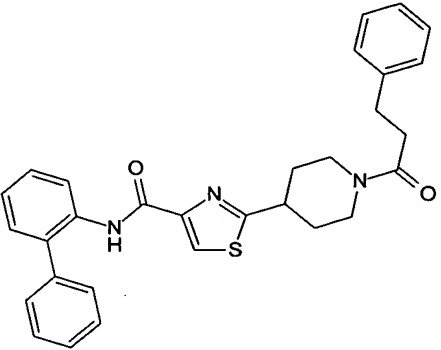
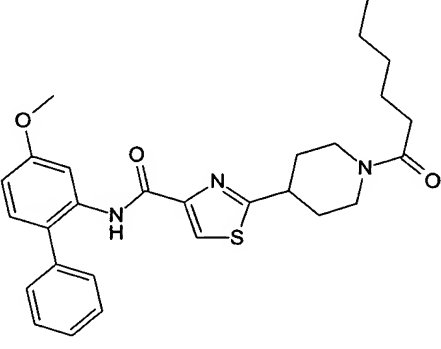
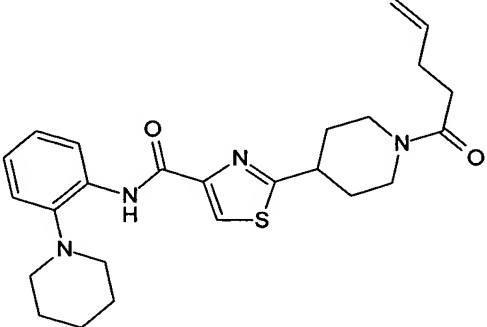
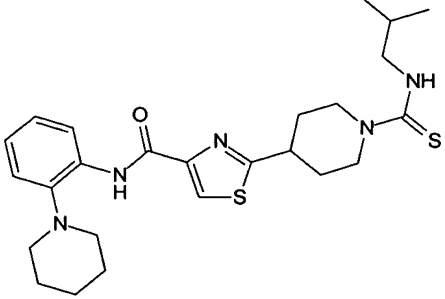
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 285 |  <chem>CCCC(=O)N1CCCCC1c2ccsc2NC(=O)c3ccccc3N4CCCCC4</chem> | |
| 286 |  <chem>CC(OC1=CC=CC=C1)C(=O)N2CCCCC2c3ccsc3NC(=O)c4ccccc4N5CCOCC5</chem> | |
| 287 |  <chem>C=CCOC(=O)N1CCCCC1c2ccsc2NC(=O)c3ccccc3C(C)(C)C</chem> | |

| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 288 |  <chem>CC(C)CNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2</chem> | |
| 289 |  <chem>CCCCOC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2</chem> | |
| 290 |  <chem>CC(C)C(=O)Oc1ccccc1C(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2</chem> | |

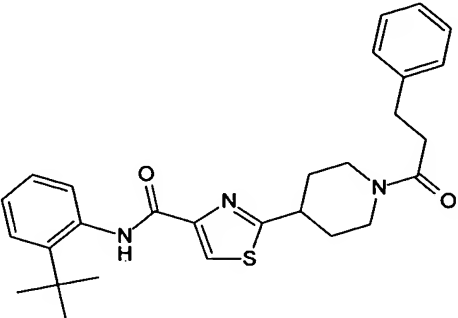
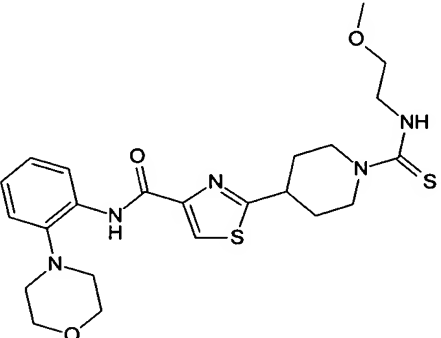
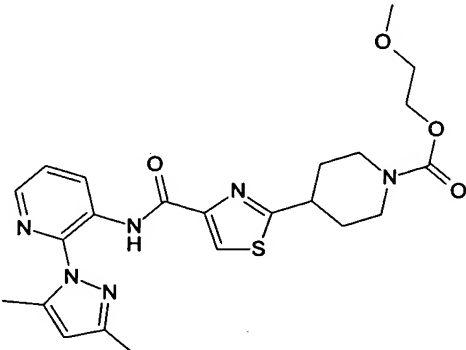
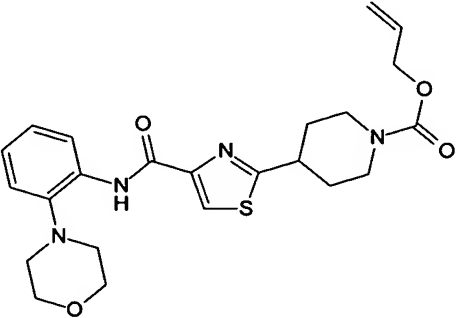
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 291 |  <chem>C=CC(=O)N1CCN(C1c2ccsc2C(=O)Nc3ccccc3c4ccccc4)c5ccccc5</chem> | |
| 292 |  <chem>C=CC(=O)N1CCN(C1c2ccsc2C(=O)Nc3cc(C(C)(C)C)c(C)cc3)c4ccccc4</chem> | |
| 293 |  <chem>c1ccc(cc1)C(=O)N1CCN(C1c2ccsc2C(=O)Nc3cc(C4CCOCC4)ccc3)c5ccccc5</chem> | |

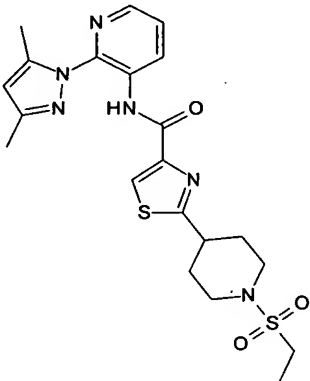
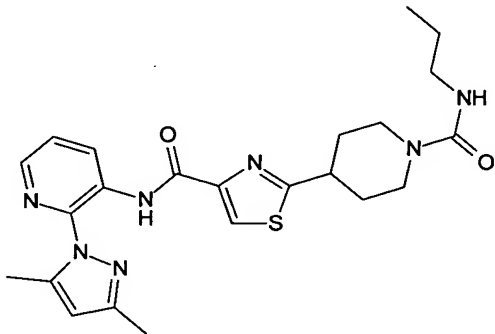
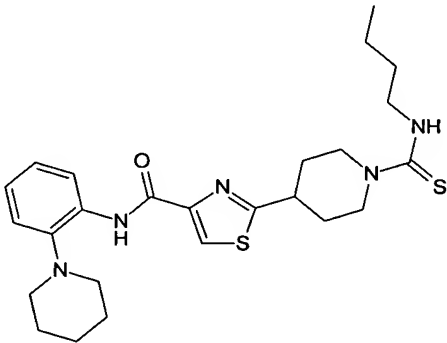
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 294 |  <p>methyl N-({4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}-carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)-beta-alaninate</p> | |
| 295 |  | |
| 296 |  | |

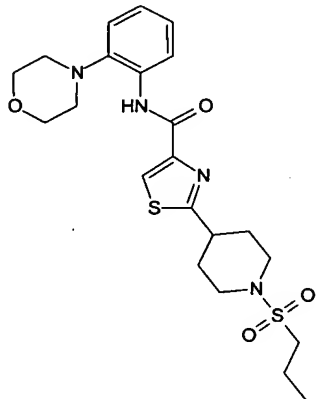
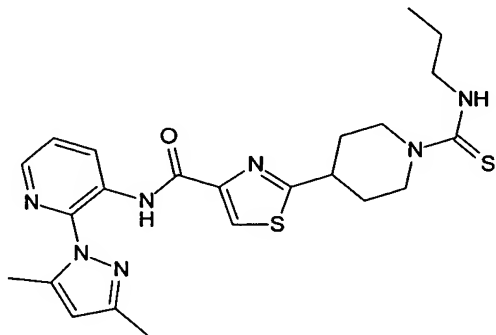
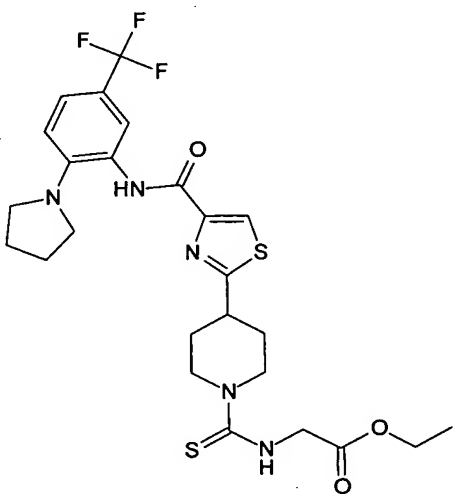
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 297 |  | |
| 298 |  | |
| 299 |  | |
| 300 |  | |

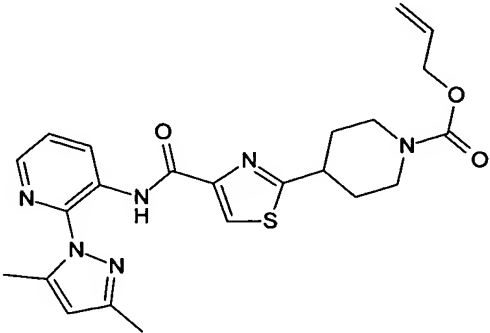
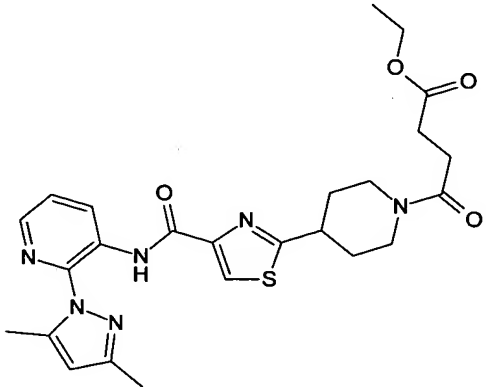
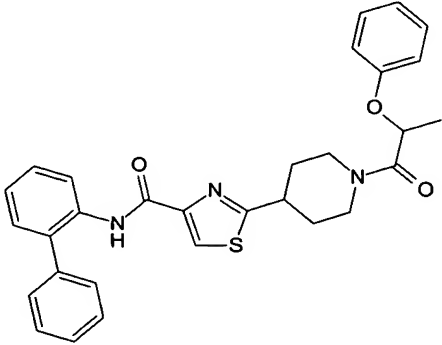
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 301 |  <chem>O=C(Nc1ccccc1-c2ccccc2)c3ccsc3C4CCN(CC4)CC(=O)c5ccccc5</chem> | |
| 302 |  <chem>COc1ccc(NC(=O)c2ccsc2C3CCN(CC3)CC(=O)c4ccccc4)cc1</chem> | |
| 303 |  <chem>C=CC(=O)N1CCN(CC1)c2ccsc2C3CCN(CC3)CC(=O)Nc4ccccc4C5CCCCC5</chem> | |
| 304 |  <chem>CC(C)CNC(=S)N1CCN(CC1)c2ccsc2C3CCN(CC3)CC(=O)Nc4ccccc4C5CCCCC5</chem> | |

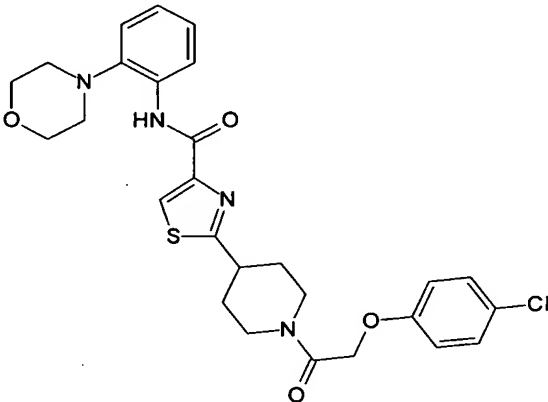
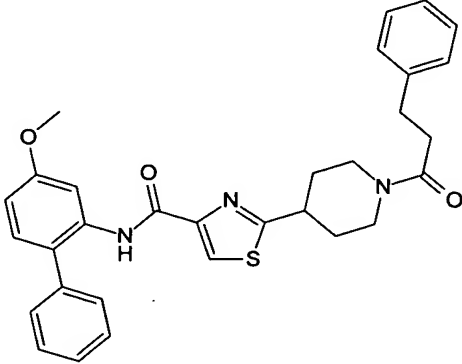
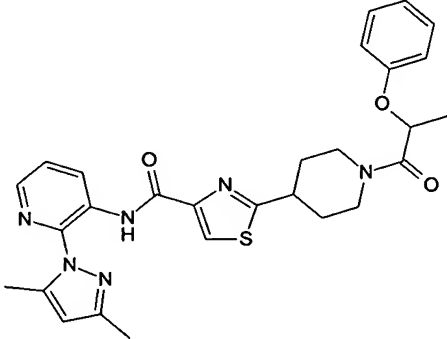
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 305 | | |
| 306 | <p>but-3-en-1-yl 4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]amino}-carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p> | |
| 307 | <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-{[(2-furylmethyl)amino]-carbonothioyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

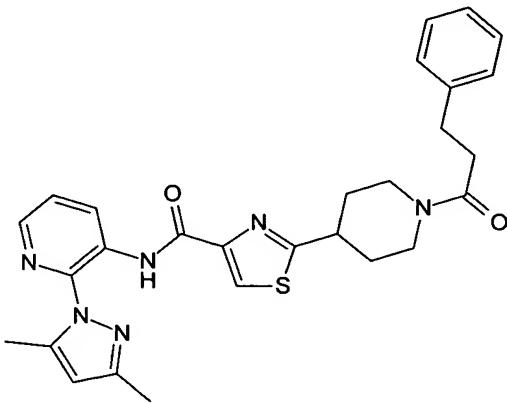
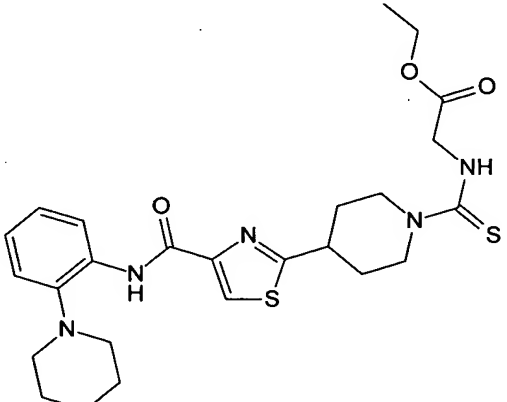
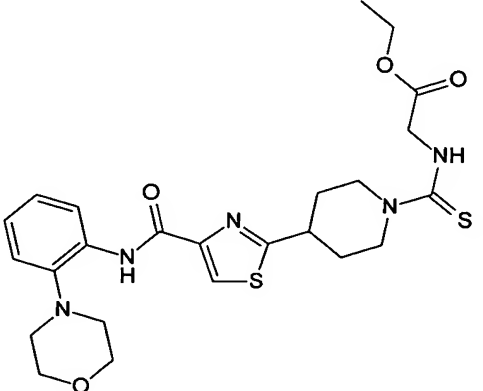
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 308 |  <chem>CC(C)(C)c1cccc(c1)NC(=O)c2ccsc2C3CCN(CC3)C(=O)Cc4ccccc4</chem> | |
| 309 |  <chem>COC(=O)NCC1CCN(CC1)C2=CN=C(C2)C(=O)Nc3ccc(cc3)N4CCOCC4</chem> | |
| 310 |  <chem>COC(=O)NCC1CCN(CC1)C2=CN=C(C2)C(=O)Nc3ccc(cc3N4C=CN(C)C=C4)C</chem> | |
| 311 |  <chem>C=CCOC(=O)NCC1CCN(CC1)C2=CN=C(C2)C(=O)Nc3ccc(cc3)N4CCOCC4</chem> | |

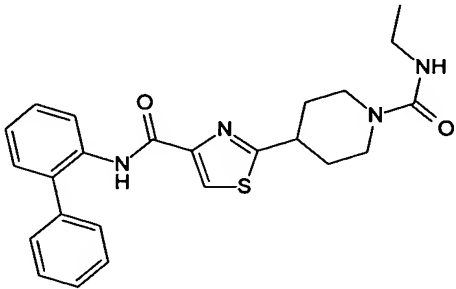
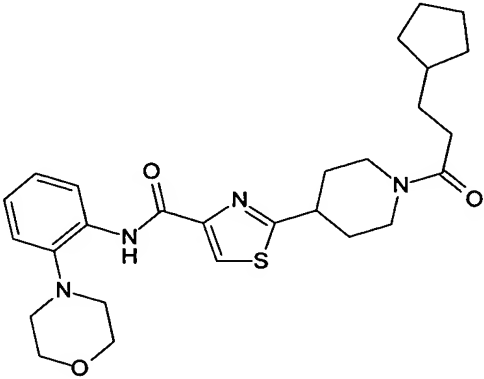
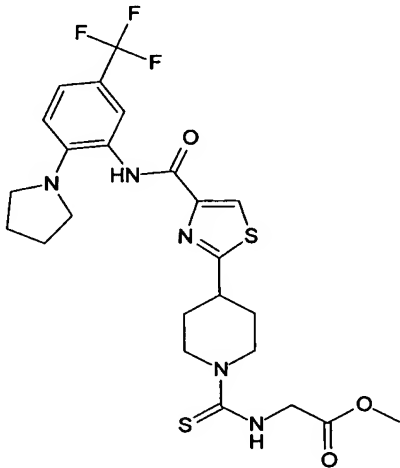
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 312 |  <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 313 |  | |
| 314 |  | |

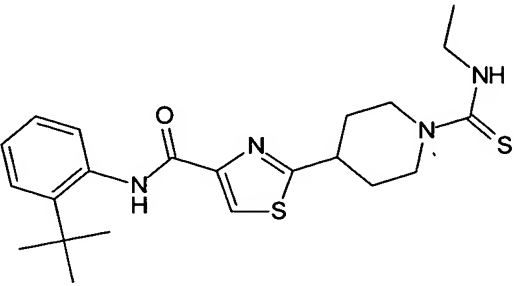
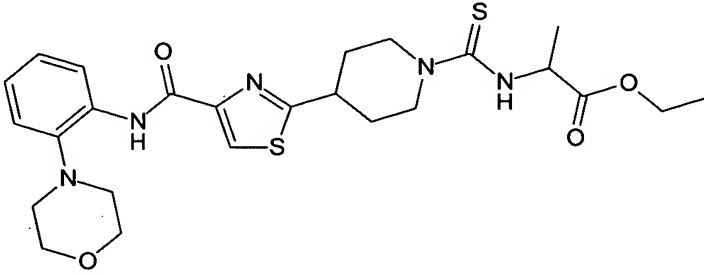
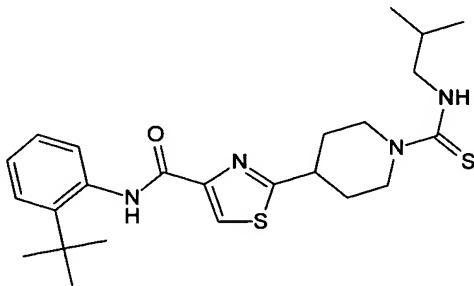
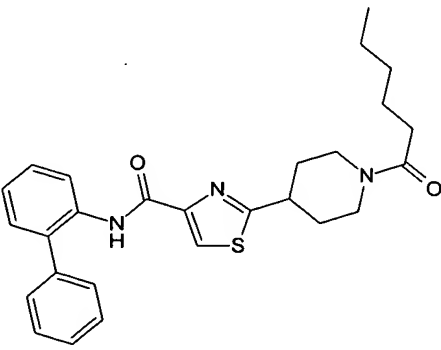
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 315 |  <p data-bbox="310 758 1219 814">N-(2-morpholin-4-ylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 316 |  | |
| 317 |  <p data-bbox="310 1776 1219 1831">ethyl N-({4-[4-({2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl}amino)carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonothioyl)glycinate</p> | |

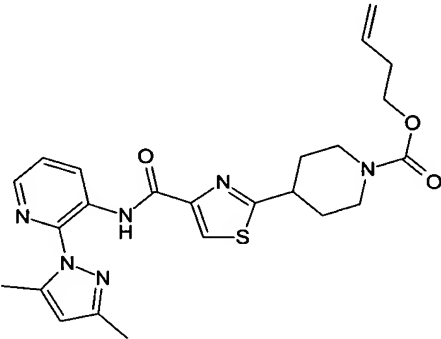
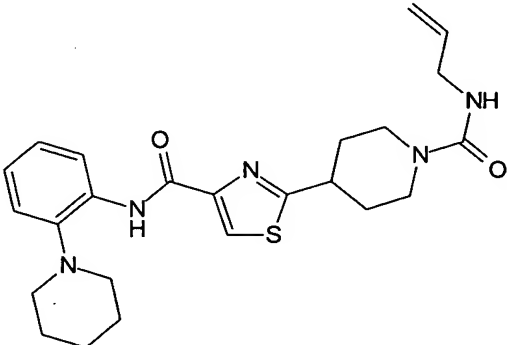
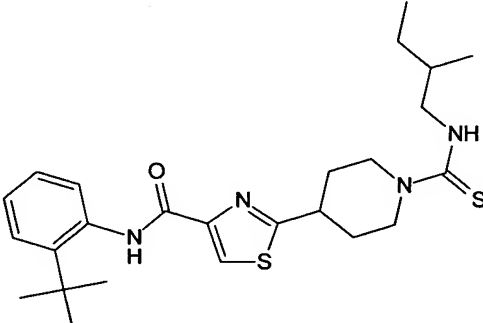
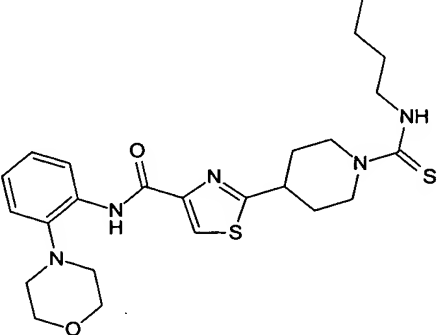
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 318 |  <chem>CC1=CN2C(=NC=C2N1)c3cccnc3NC(=O)c4cc[nH]s4C5CCN(CC5)C(=O)OCC=C</chem> | |
| 319 |  <chem>CC1=CN2C(=NC=C2N1)c3cccnc3NC(=O)c4cc[nH]s4C5CCN(CC5)C(=O)CC(=O)OCC</chem> | |
| 320 |  <chem>CC(C)OC(=O)N1CCN(CC1)c2cc[nH]s2C(=O)Nc3ccccc3-c4ccccc4</chem> | |

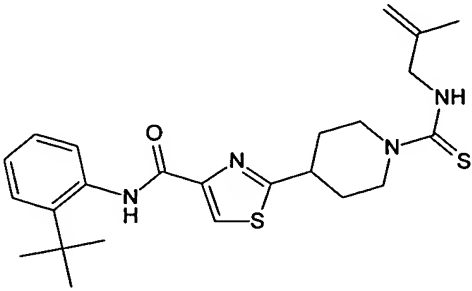
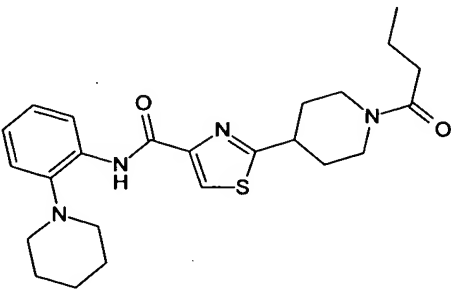
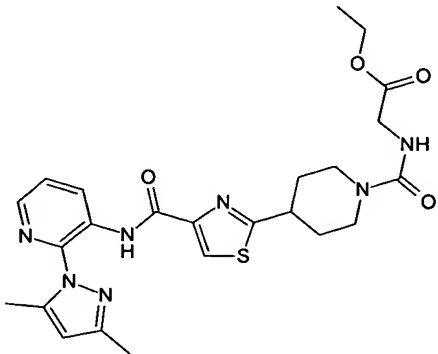
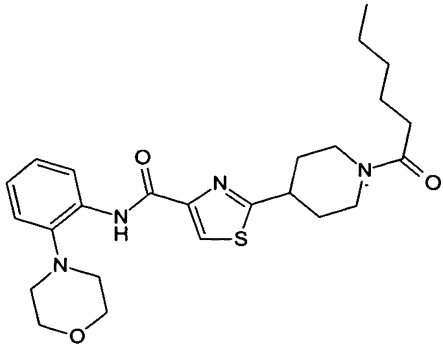
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 321 |  <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 322 |  | |
| 323 |  <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

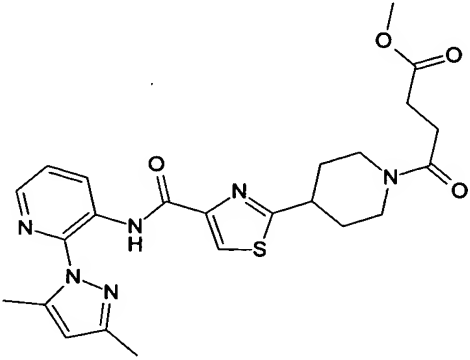
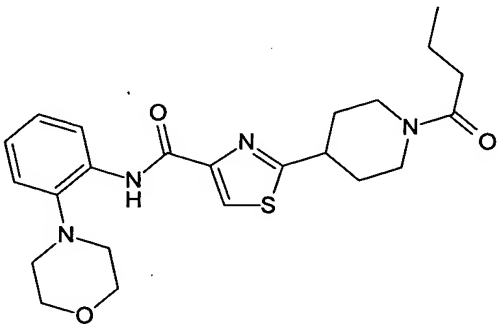
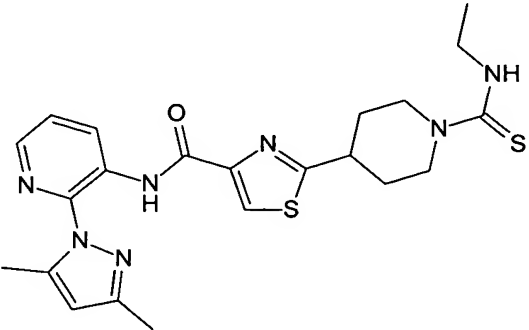
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 324 |  <chem>Cc1cnc2nc(NC(=O)c3ccsc3C4CCN(CC4)C(=O)Cc5ccccc5)ccc2n1</chem> | |
| 325 |  <chem>CCOC(=O)CNC(=S)N1CCN(CC1)C2=CN=C(S2)C3=CC=CC=C3NC(=O)N4CCCCC4</chem> | |
| 326 |  <chem>CCOC(=O)CNC(=S)N1CCN(CC1)C2=CN=C(S2)C3=CC=CC=C3NC(=O)N4CCOCC4</chem> | |

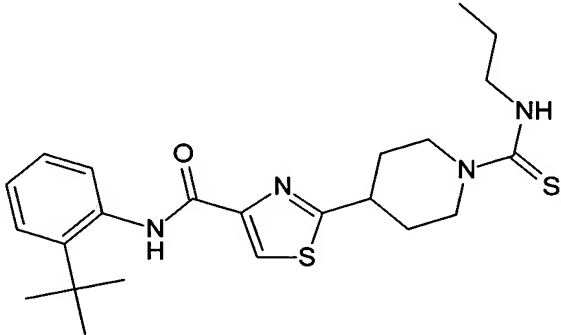
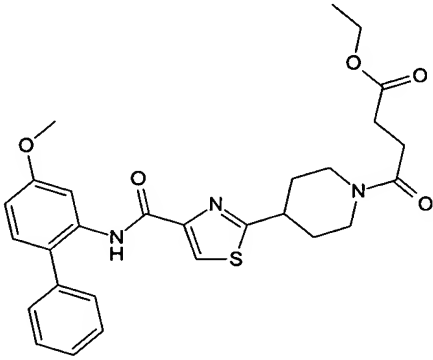
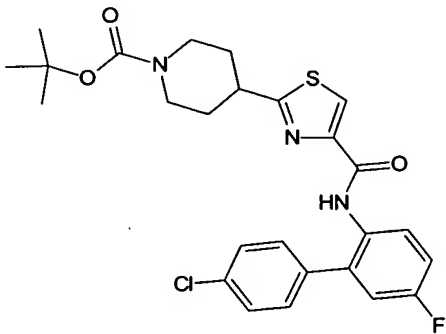
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 327 |  | |
| 328 |  | |
| 329 |  <p data-bbox="313 1732 1123 1795">methyl N-({4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}-carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p> | |

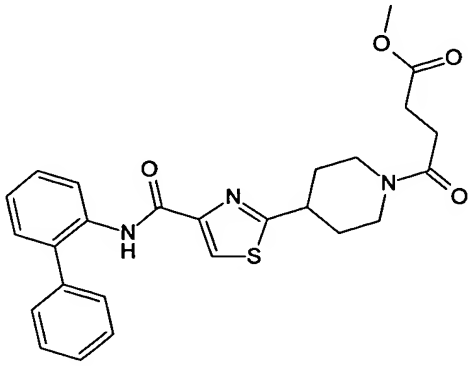
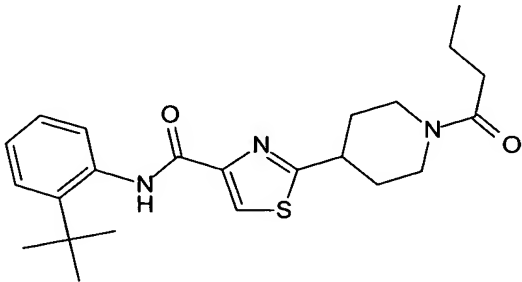
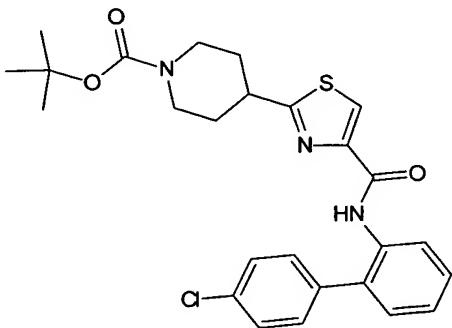
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 330 |  <chem>CCNC(=S)N1CCCCC1c2sc(C(=O)Nc3cc(C(C)(C)C)ccc3)n2</chem> | |
| 331 |  <chem>CCOC(=O)C(C)NC(=S)N1CCCCC1c2sc(C(=O)Nc3cc(N4CCOCC4)ccc3)n2</chem> | |
| 332 |  <chem>CC(C)CNC(=S)N1CCCCC1c2sc(C(=O)Nc3cc(C(C)(C)C)ccc3)n2</chem> | |
| 333 |  <chem>CCCCC(=O)N1CCCCC1c2sc(C(=O)Nc3cc(ccc3-c4ccccc4)n2</chem> | |

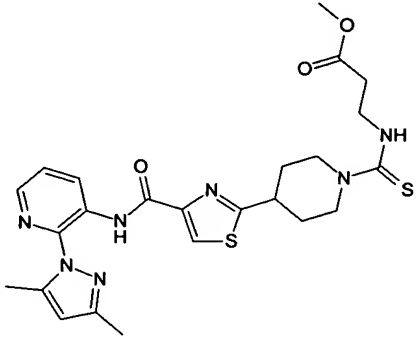
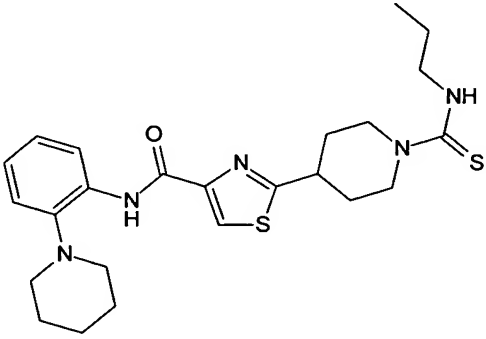
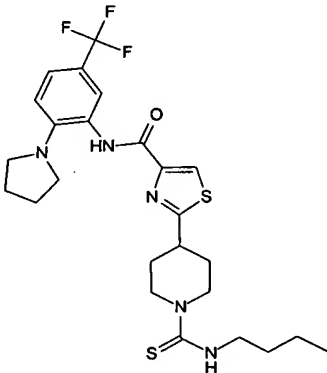
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 334 |  | |
| 335 |  | |
| 336 |  | |
| 337 |  | |

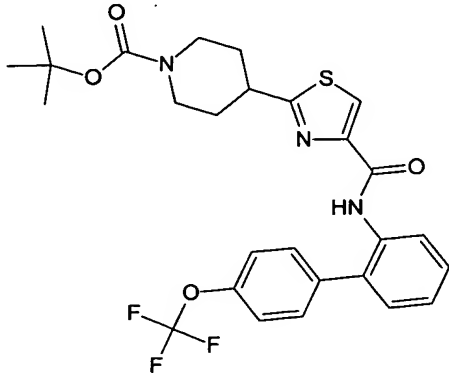
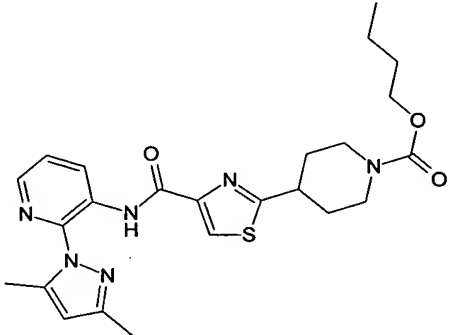
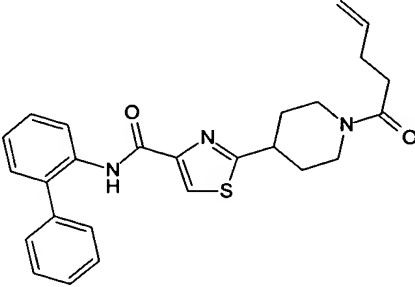
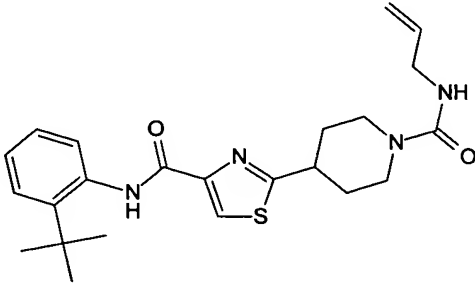
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 338 |  | |
| 339 |  | |
| 340 |  | |
| 341 |  | |

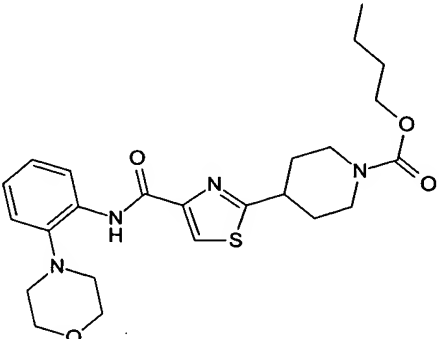
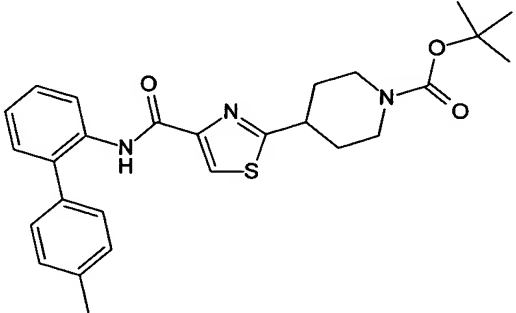
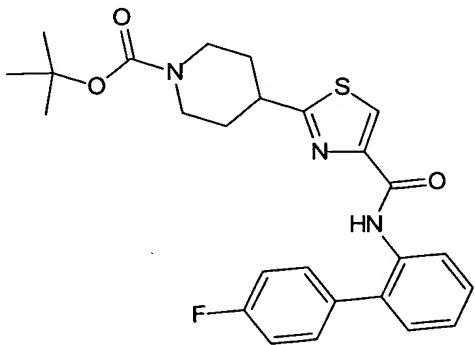
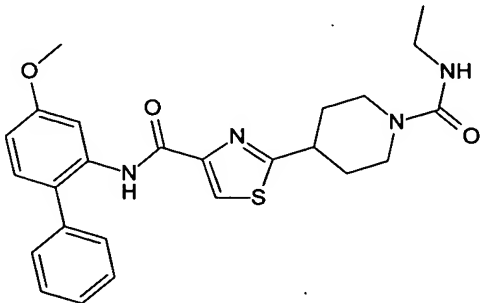
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 342 |  <chem>COCC(=O)N1CCCCC1c2ccsc2C(=O)Nc3cc4nc(C)ccn4c3</chem> | |
| 343 |  <chem>CCCC(=O)N1CCCCC1c2ccsc2C(=O)Nc3ccc(cc3N4CCOCC4)</chem> | |
| 344 |  <chem>CCNC(=S)N1CCCCC1c2ccsc2C(=O)Nc3cc4nc(C)ccn4c3</chem> | |

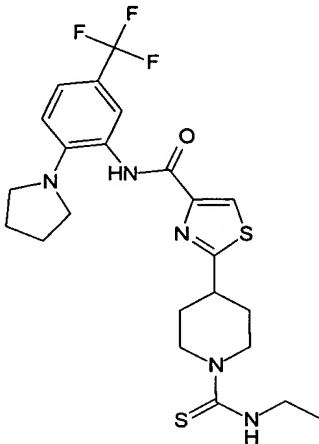
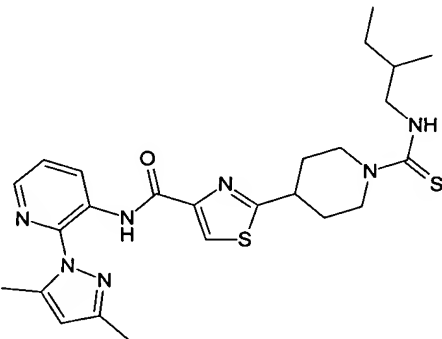
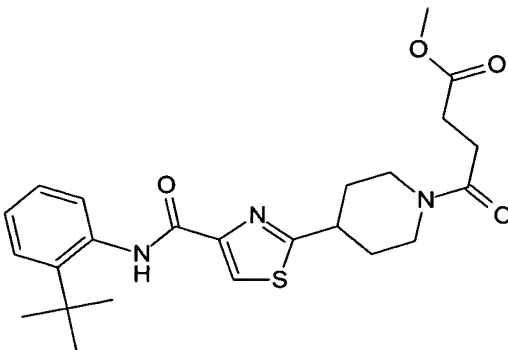
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 345 |  <chem>CCNC(=S)N1CCCCC1c2nc(C(=O)Nc3ccccc3C(C)(C)C)s2</chem> | |
| 346 |  <chem>CCOC(=O)CC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(OC)cc(C4=CC=CC=C4)c3)s2</chem> | |
| 347 |  <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(cc3)-c4ccc(Cl)cc4)s2</chem> | |

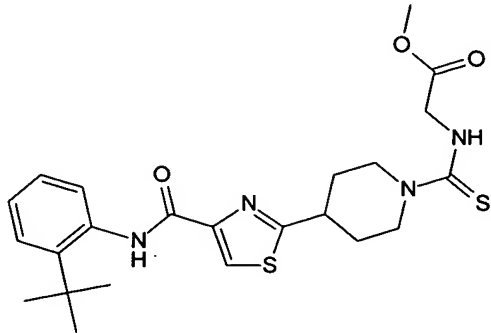
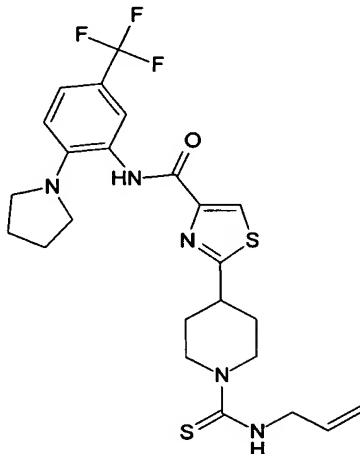
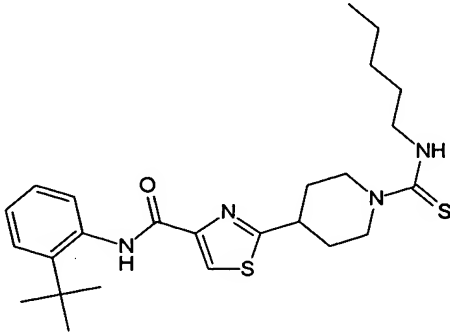
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 348 |  <chem>CCOC(=O)CCN1CCCCC1c2nc(C3=CC(=CC=C3)C(=O)Nc4ccccc4)s2</chem> | |
| 349 |  <chem>CCCC(=O)N1CCCCC1c2nc(C3=CC=C(C(C)(C)C)C=C3C(=O)Nc4ccc(cc4))s2</chem> | |
| 350 |  <chem>CC(C)(C)OC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3-c4ccc(Cl)cc4)n2</chem> | |

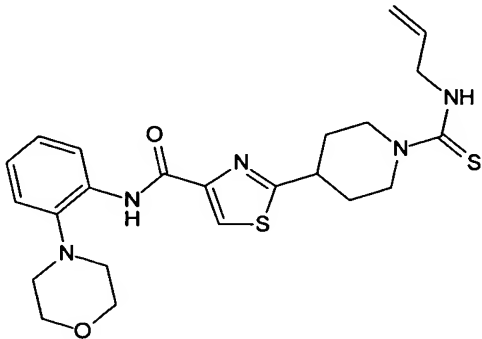
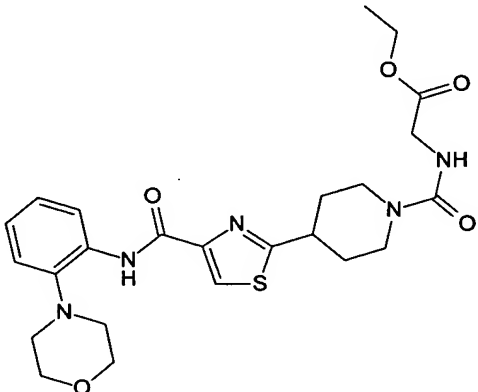
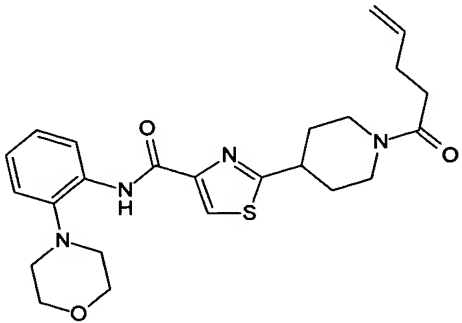
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 351 |  <p data-bbox="313 709 1153 766">methyl N-({4-[4-({2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl}amino)-carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonothioyl)-beta-alaninate</p> | |
| 352 |  | |
| 353 |  <p data-bbox="313 1625 1133 1682">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |

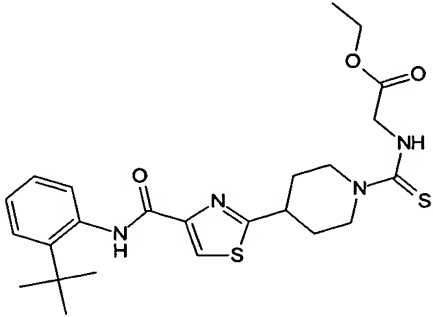
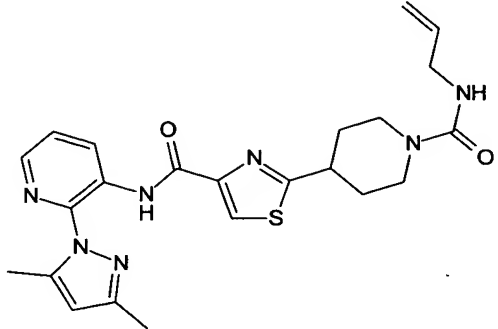
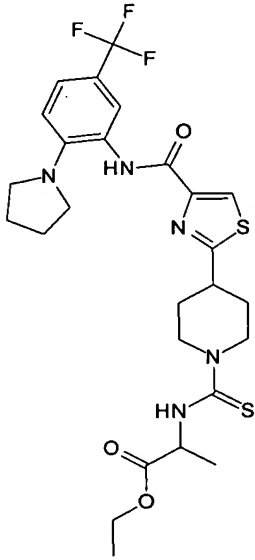
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 354 |  <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccc(OC(F)(F)F)cc4)cs2</chem> | |
| 355 |  <chem>CCCCOC(=O)N1CCCCC1c2nc(C(=O)Nc3ccncc3-c4nn[nH]4)cs2</chem> | |
| 356 |  <chem>CC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccccc4)cs2</chem> | |
| 357 |  <chem>CC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccccc4)cs2</chem> | |

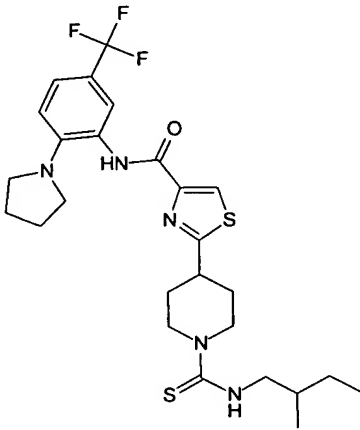
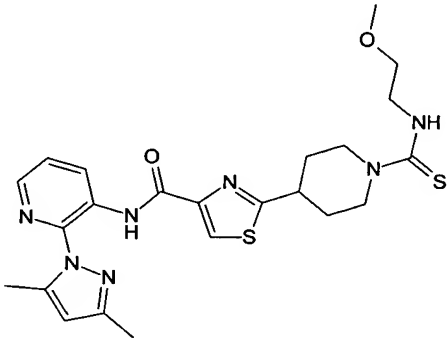
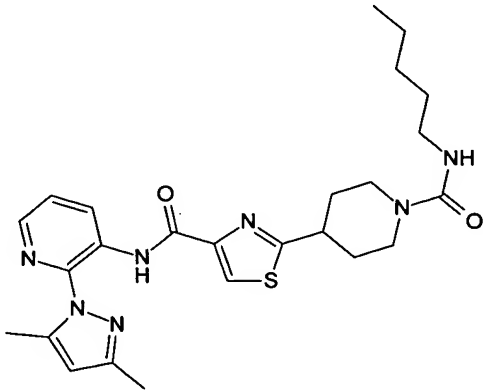
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 358 |  <chem>CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)c3ccsc23</chem> | |
| 359 |  <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccccc4)c3ccsc23</chem> | |
| 360 |  <chem>CC(C)(C)OC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccc(F)cc4)c3ccsc23</chem> | |
| 361 |  <chem>CCNC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(OC)cc3-c4ccccc4)c3ccsc23</chem> | |

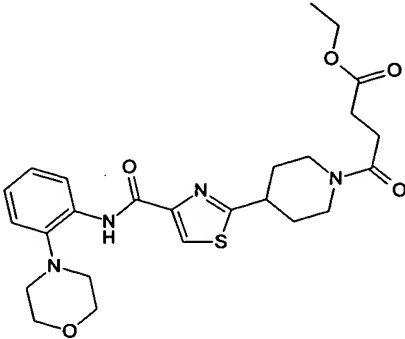
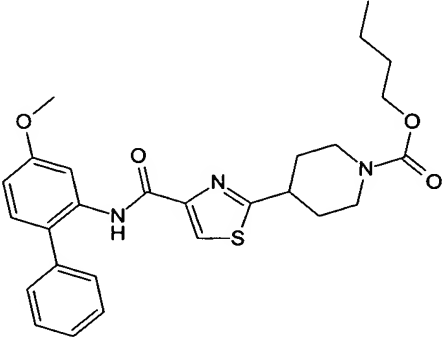
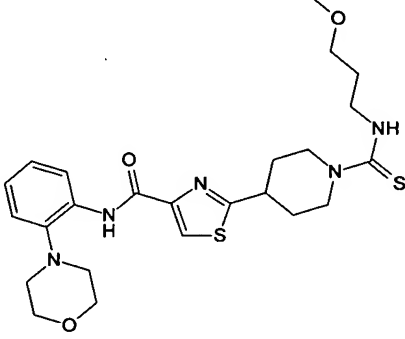
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 362 |  <p data-bbox="313 835 1130 898">2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 363 |  <p data-bbox="313 1308 1227 1371">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-[(2-methylbutyl)amino]carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 364 |  | |

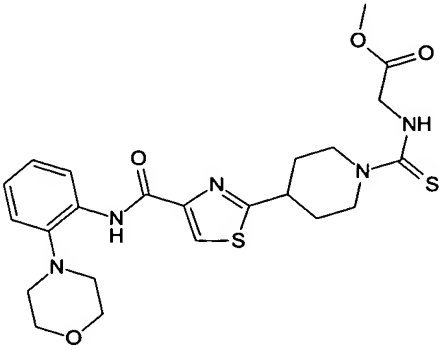
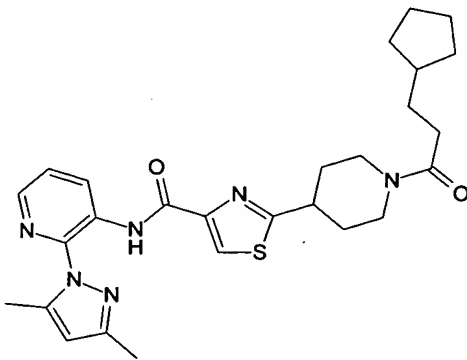
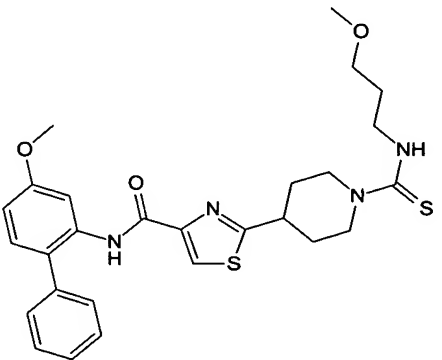
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 365 |  | |
| 366 |  <p data-bbox="310 1234 1230 1297">2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 367 |  | |

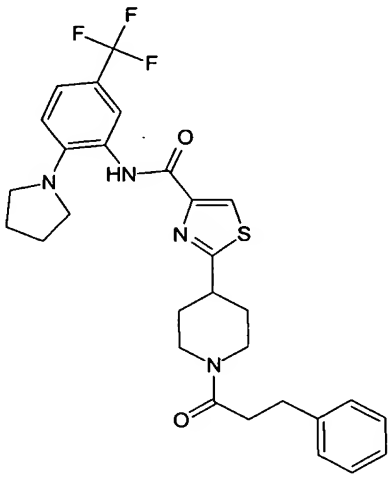
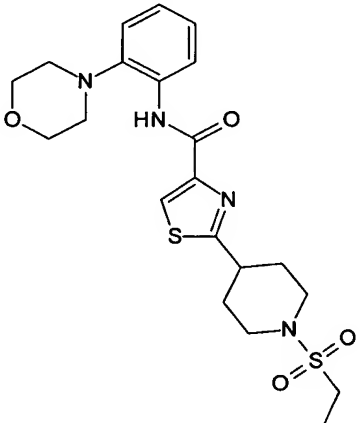
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 368 |  <chem>C=CN=C(S)C1CCN(C1)c2sc(C(=O)Nc3ccccc3N4CCOCC4)c2</chem> | |
| 369 |  <chem>CCOC(=O)CN(C(=O)c1ccccc1N2CCOCC2)c3sc(C(=O)Nc4ccccc4N5CCOCC5)c3</chem> | |
| 370 |  <chem>C=CC(=O)N(C1CCN(C1)c2sc(C(=O)Nc3ccccc3N4CCOCC4)c2</chem> | |

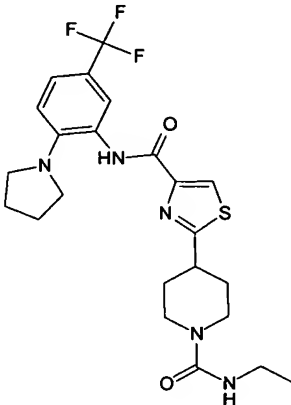
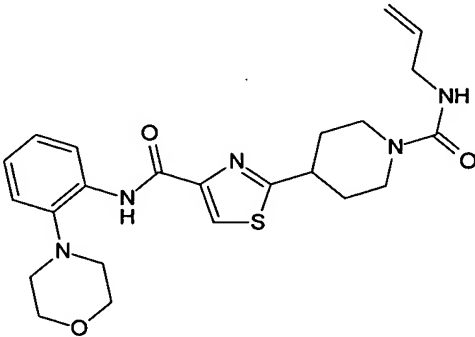
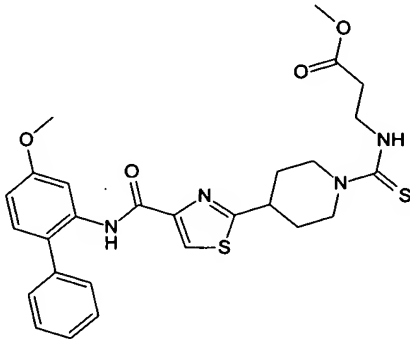
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 371 |  | |
| 372 |  | |
| 373 |  <p data-bbox="311 1732 1218 1787">ethyl N-({4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)alaninate</p> | |

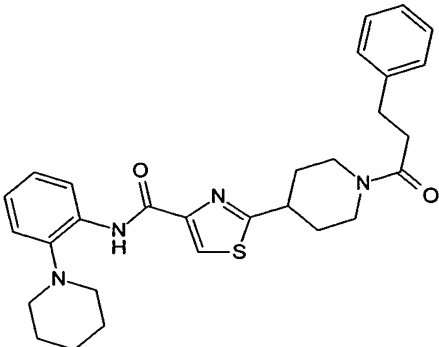
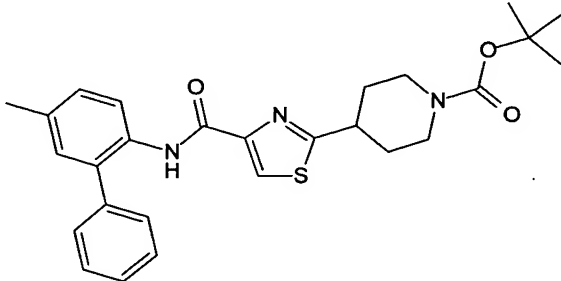
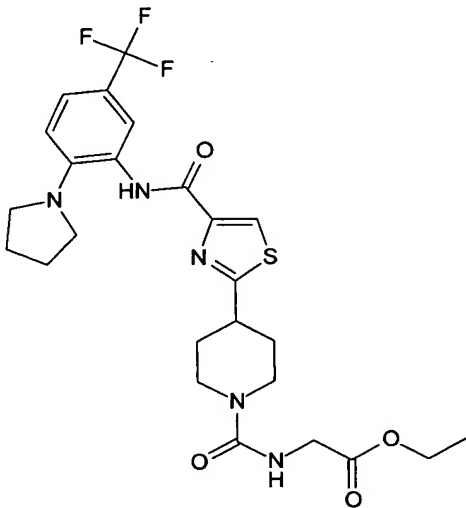
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 374 |  <p>2-(1-[[2-methylbutyl]amino]carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 375 |  | |
| 376 |  | |

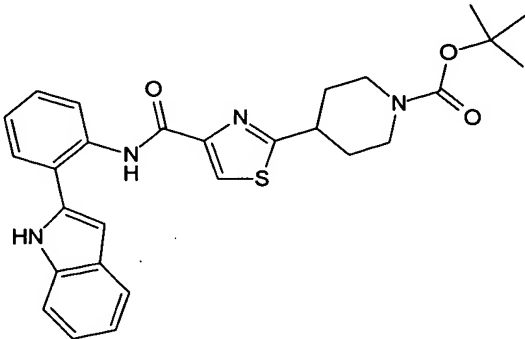
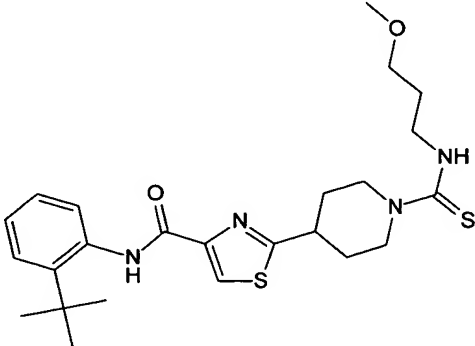
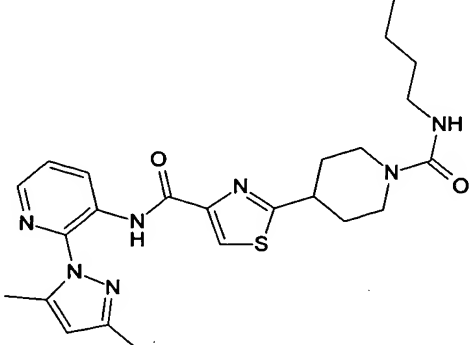
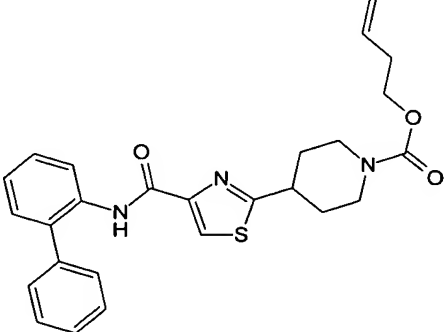
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 377 |  <chem>CCOC(=O)CCC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCOCC4)c2</chem> | |
| 378 |  <chem>CCOC(=O)CCN1CCCCC1c2sc(C(=O)Nc3cc(OC)c(cc3-c4ccccc4)N5CCOCC5)c2</chem> | |
| 379 |  <chem>COCCNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCOCC4)c2</chem> | |

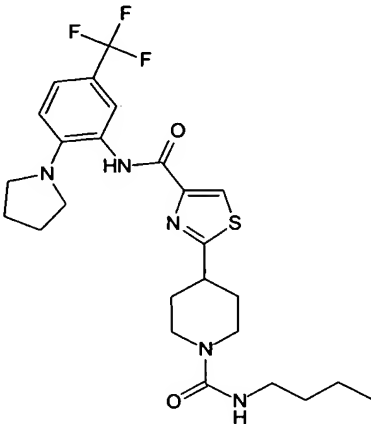
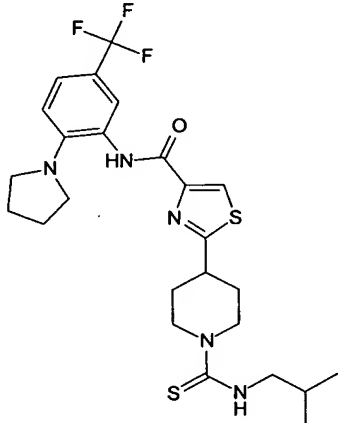
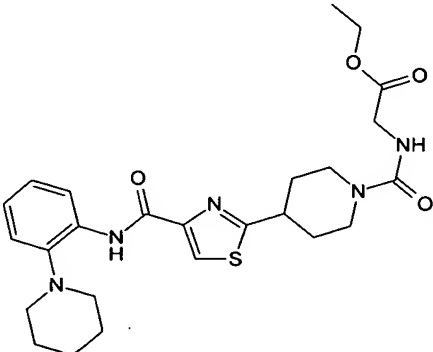
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 380 |  <chem>COC(=O)CNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCOCC4)c3</chem> | |
| 381 |  <chem>C1=CC=C(C=C1N2C=CC=CC2)c3ccccc3NC(=O)c4sc(C(=O)N1CCCCC1C2CCCC2)c5</chem> | |
| 382 |  <chem>COC(=O)CNC(=S)N1CCCCC1c2sc(C(=O)Nc3cc(OC)ccc3-c4ccccc4)c3</chem> | |

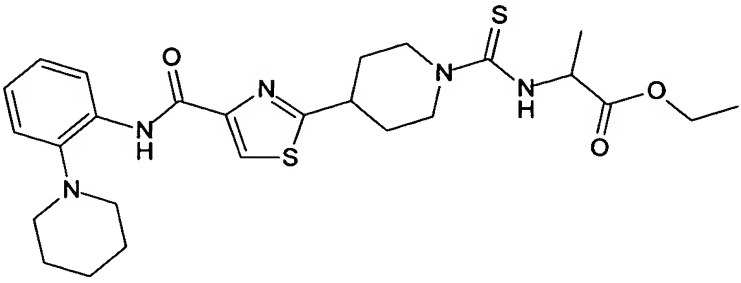
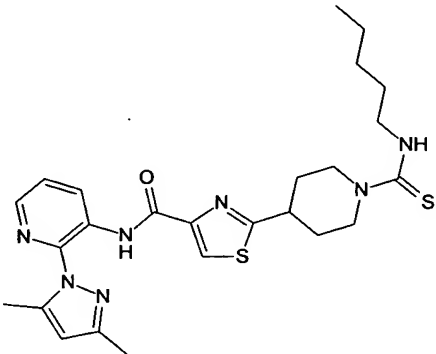
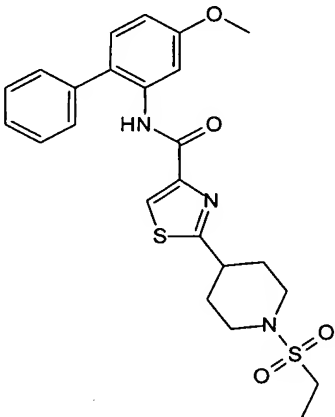
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 383 |  <p>2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 384 |  <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |

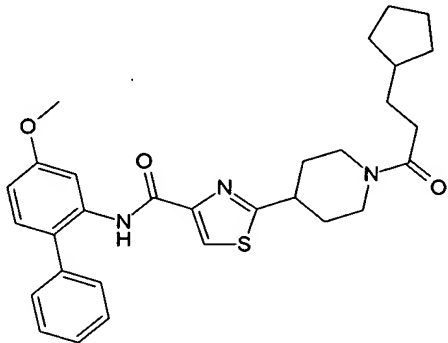
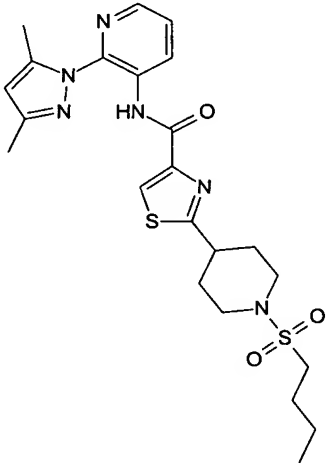
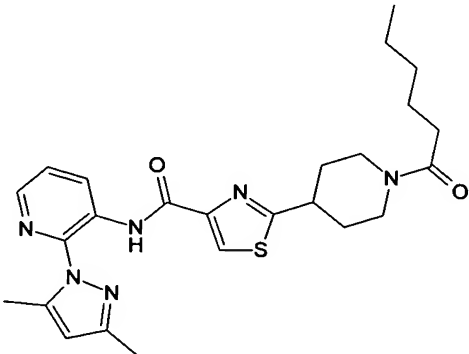
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 385 |  <p>N-ethyl-4-([2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino)carbonyl-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 386 |  | |
| 387 |  | |

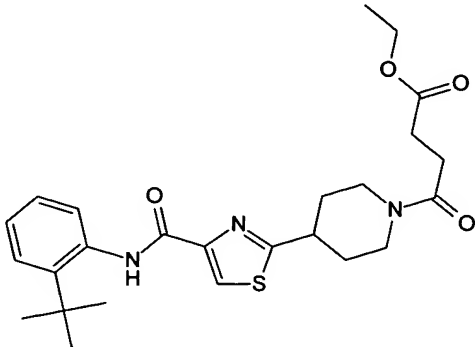
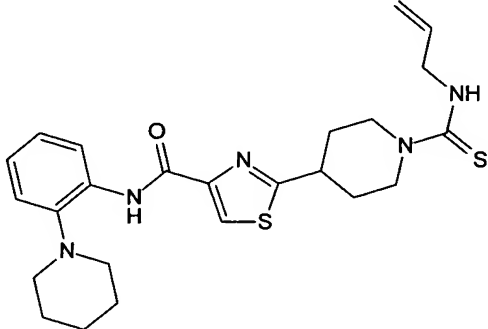
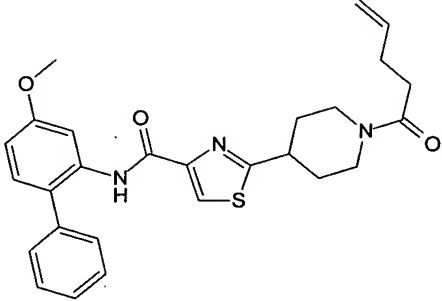
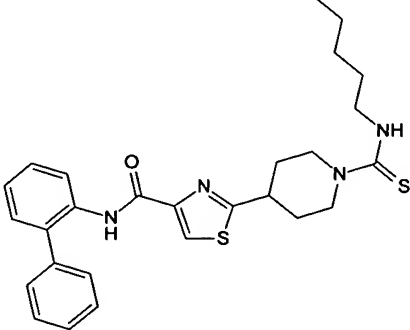
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 388 |  | |
| 389 |  | |
| 390 |  <p data-bbox="313 1619 1211 1682">ethyl N-({4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonyl)glycinate</p> | |

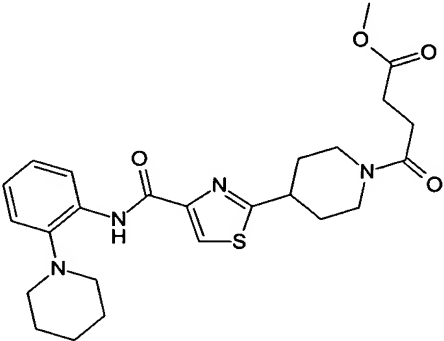
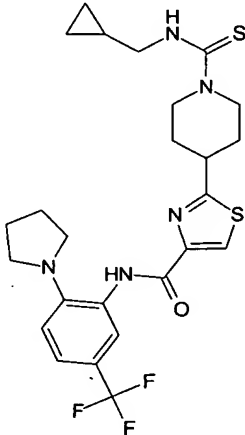
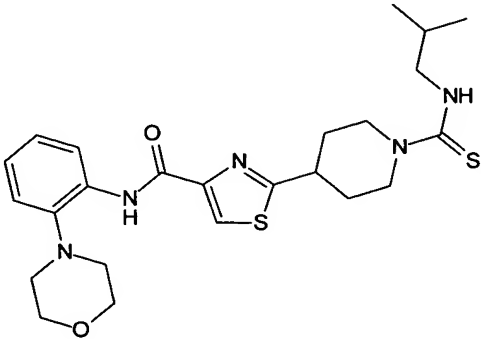
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 391 |  | |
| 392 |  | |
| 393 |  | |
| 394 |  | |

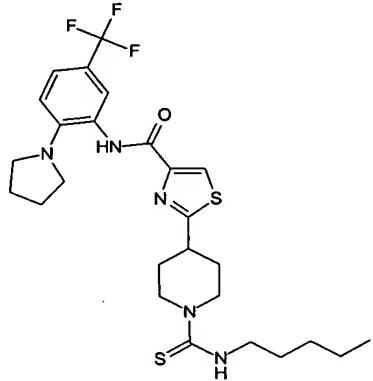
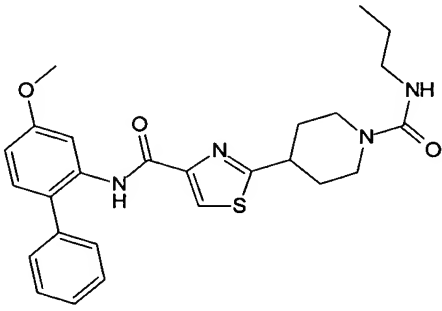
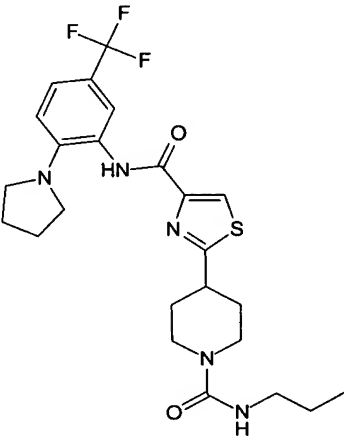
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 395 |  <p>N-butyl-4-[4-([2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 396 |  <p>2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 397 |  | |

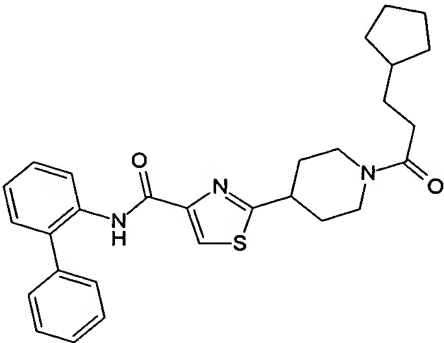
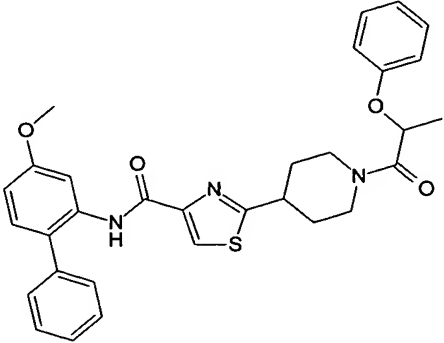
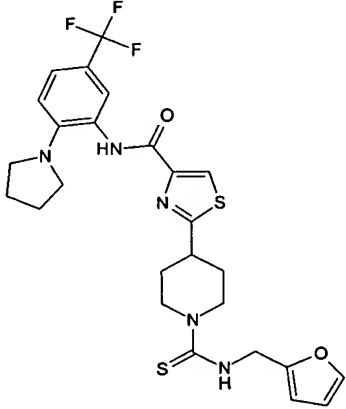
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 398 |  | |
| 399 |  | |
| 400 |  | |

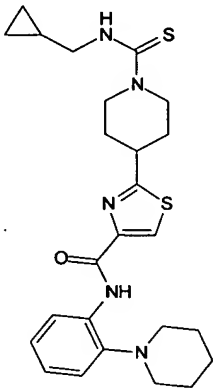
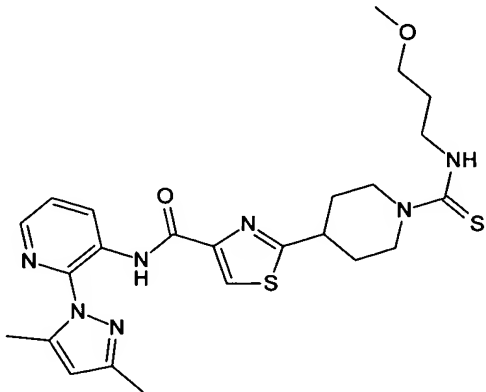
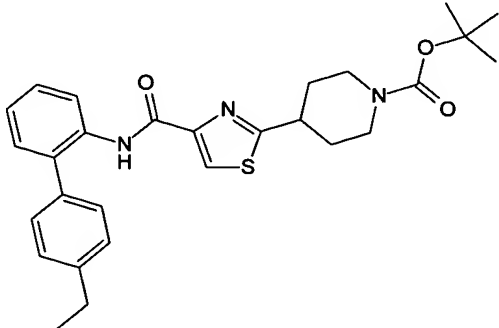
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 401 |  | |
| 402 |  <p data-bbox="310 1262 1222 1325">2-[1-(butylsulfonyl)piperidin-4-yl]-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p> | |
| 403 |  | |

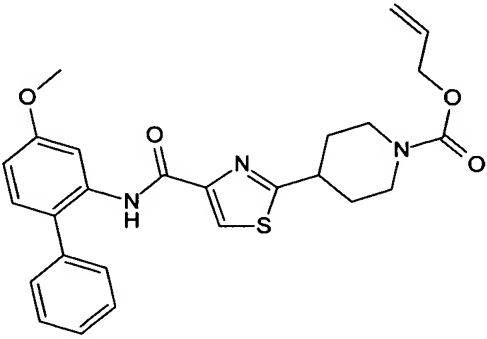
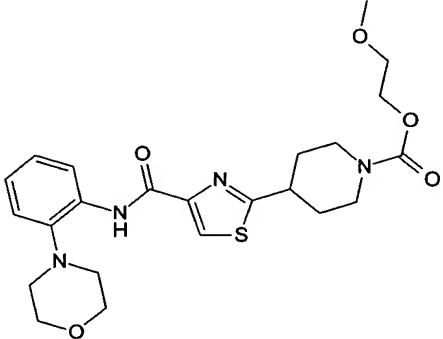
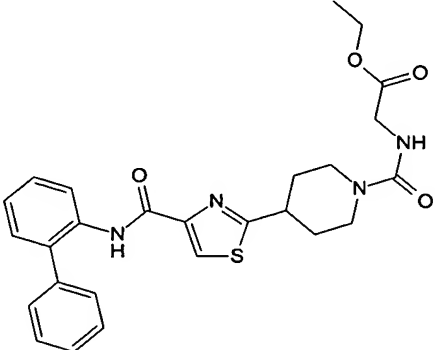
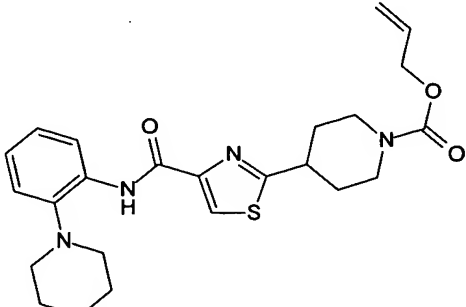
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 404 |  <chem>CCOC(=O)CCNC(=S)c1ccccc1N2CCCCC2c3cc4c(s3)nc(cc4)C(=O)Nc5ccccc5C(C)(C)C</chem> | |
| 405 |  <chem>C=CCNC(=S)N1CCCCC1c2cc3c(s2)nc(cc3)C(=O)Nc4ccccc4N5CCCCC5</chem> | |
| 406 |  <chem>C=CCNC(=O)N1CCCCC1c2cc3c(s2)nc(cc3)C(=O)Nc4cc(OC)ccc4-c5ccccc5</chem> | |
| 407 |  <chem>CCCCNC(=S)N1CCCCC1c2cc3c(s2)nc(cc3)C(=O)Nc4cc5ccccc45</chem> | |

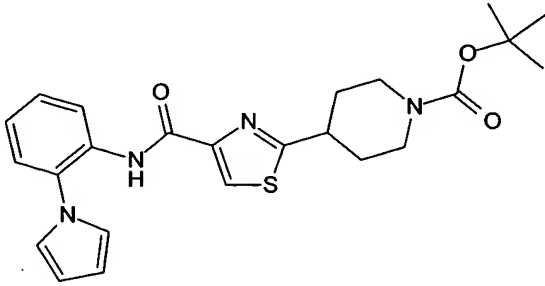
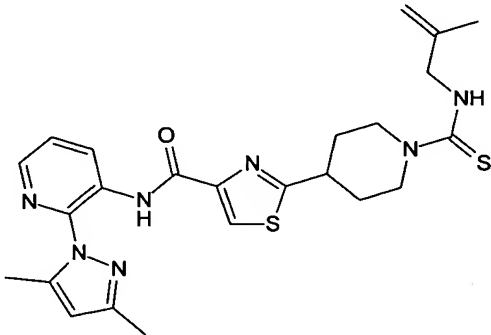
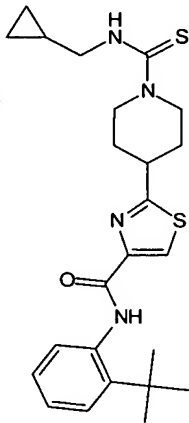
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 408 |  | |
| 409 |  <p data-bbox="310 1220 1230 1276">2-(1-[[[(cyclopropylmethyl)amino]carbonothioyl]piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 410 |  | |

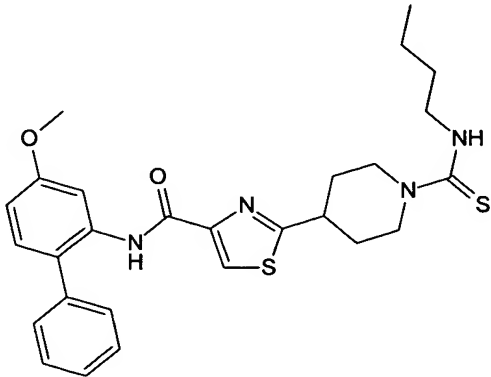
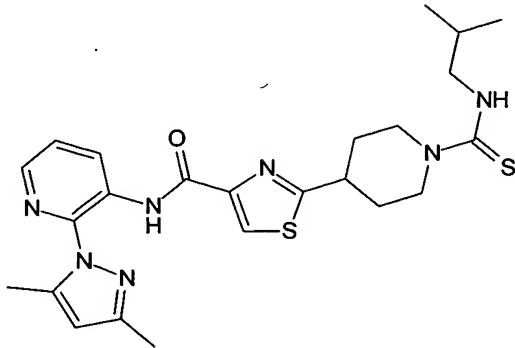
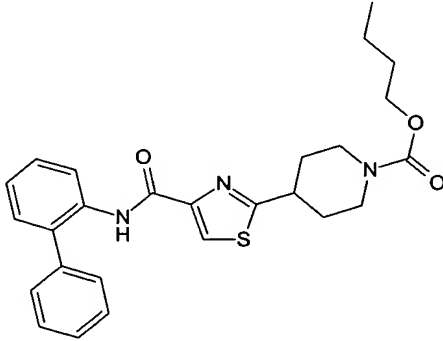
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 411 |  <p>2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 412 |  | |
| 413 |  <p>N-propyl-4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |

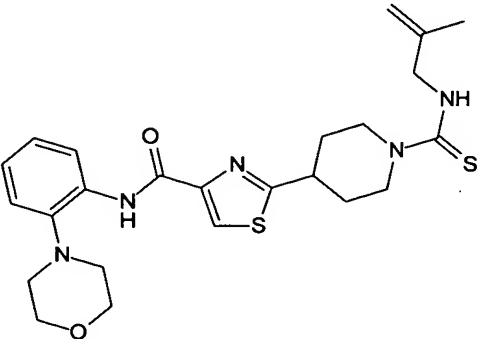
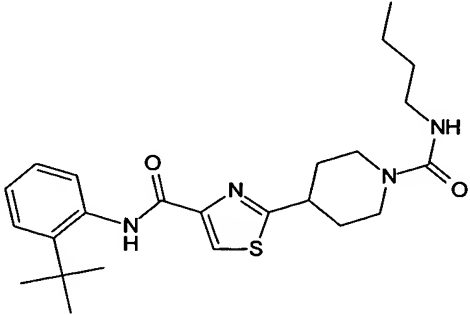
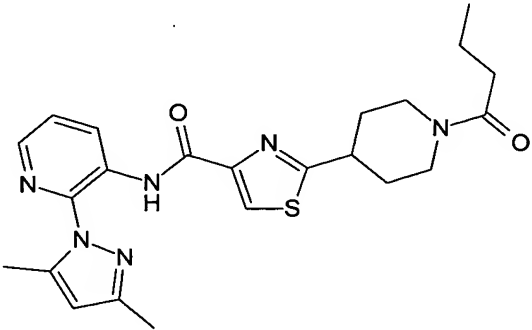
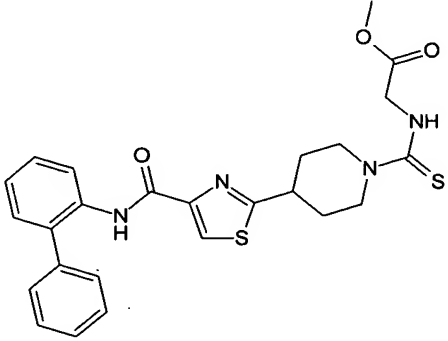
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 414 |  | |
| 415 |  | |
| 416 |  <p data-bbox="310 1549 1224 1608">2-(1-[[2-(2-furylmethyl)amino]carbonothioyl]piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |

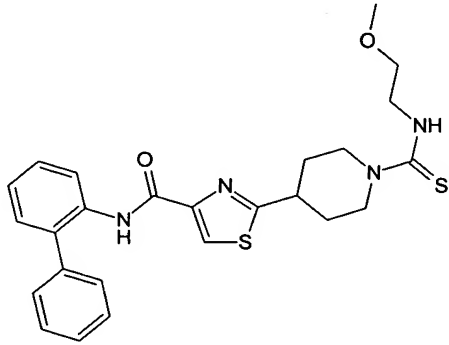
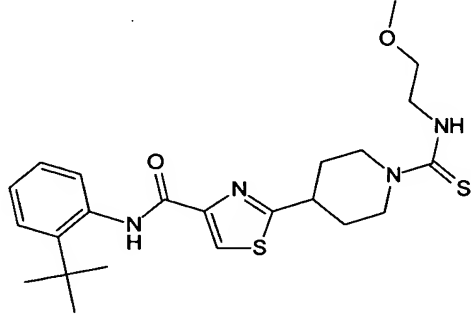
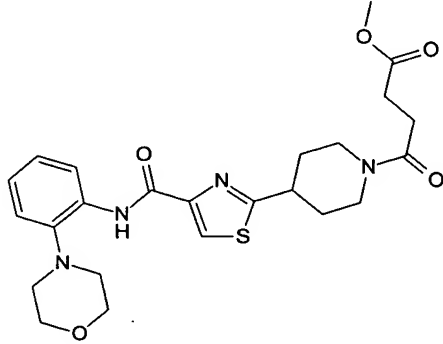
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 417 |  <p>2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 418 |  | |
| 419 |  | |

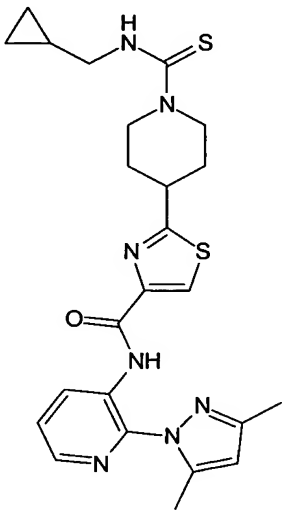
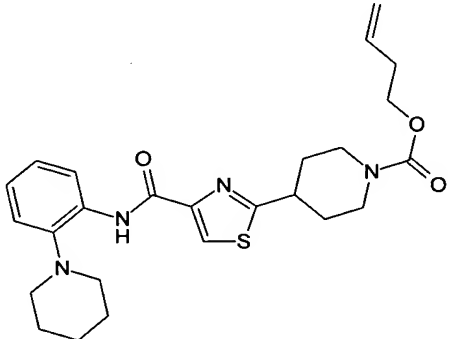
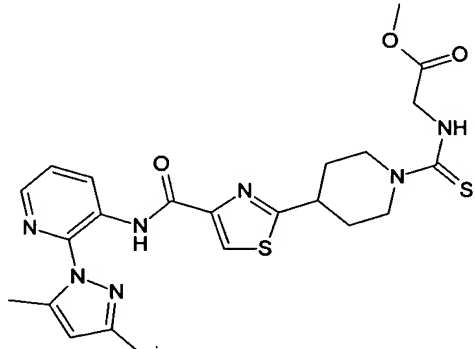
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 420 |  <chem>COC1=CC=C(C=C1)NC(=O)c2ccsc2C3CCCN(C3)C(=O)OCC=C</chem> | |
| 421 |  <chem>COC1CCOC1C(=O)N2CCCN(C2)c3ccsc3C(=O)Nc4ccc(N5CCOCC5)cc4</chem> | |
| 422 |  <chem>CCOC(=O)NC(=O)N1CCCN(C1)c2ccsc2C(=O)Nc3ccc(cc3-c4ccccc4)</chem> | |
| 423 |  <chem>COC1=CC=C(C=C1)NC(=O)c2ccsc2C3CCCN(C3)C(=O)OCC=Cc4ccc(N5CCNCC5)cc4</chem> | |

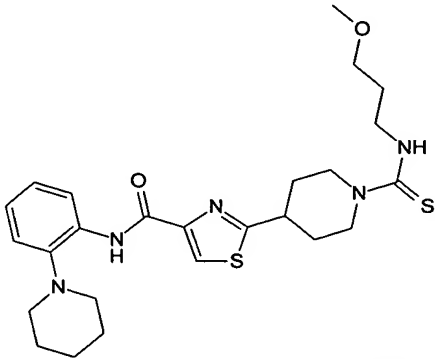
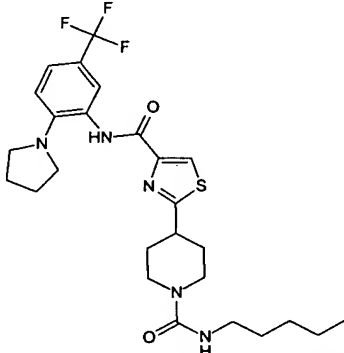
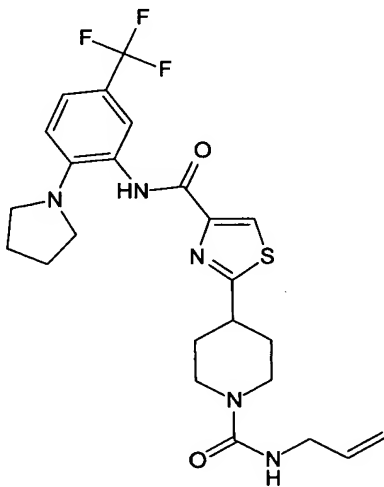
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 424 |  | |
| 425 |  | |
| 426 |  <p data-bbox="310 1528 1154 1591">N-(2-tert-butylphenyl)-2-(1-[[[(cyclopropylmethyl)amino]carbonothioyl]-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

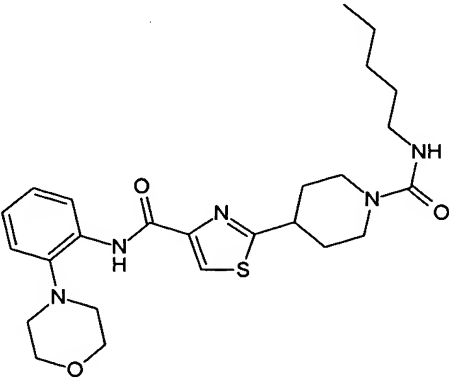
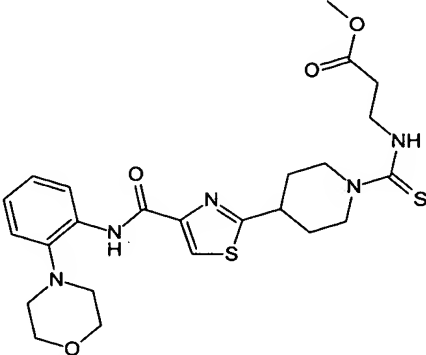
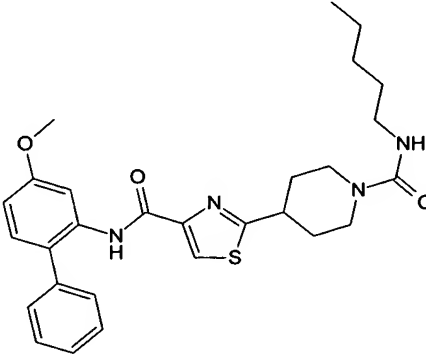
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 427 |  <chem>CCCCNC(=S)N1CCCCC1c2cc3nc(cc3s2)C(=O)Nc4ccc(OC)cc4-c5ccccc5</chem> | |
| 428 |  <chem>CC(C)CNC(=S)N1CCCCC1c2cc3nc(cc3s2)C(=O)Nc4ccc5nc6c(ncn6C)c5</chem> | |
| 429 |  <chem>CCCCOC(=O)N1CCCCC1c2cc3nc(cc3s2)C(=O)Nc4ccccc4-c5ccccc5</chem> | |

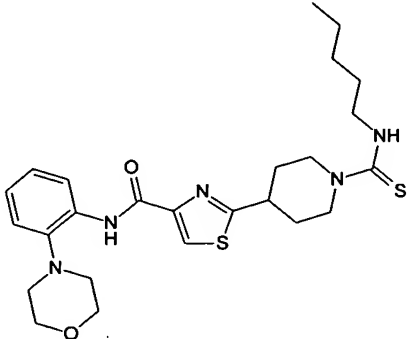
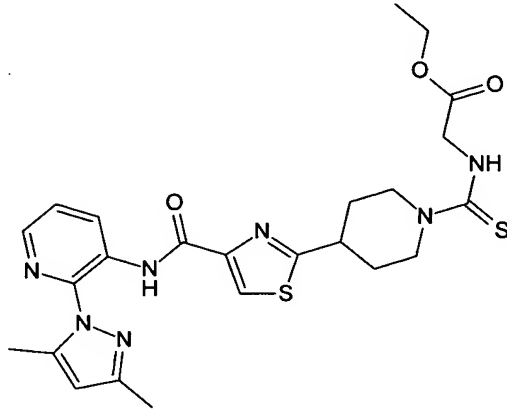
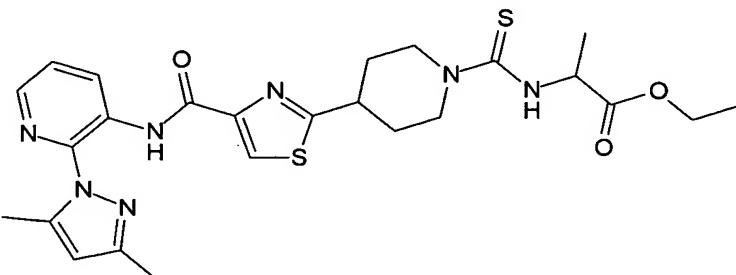
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 430 |  | |
| 431 |  | |
| 432 |  | |
| 433 |  | |

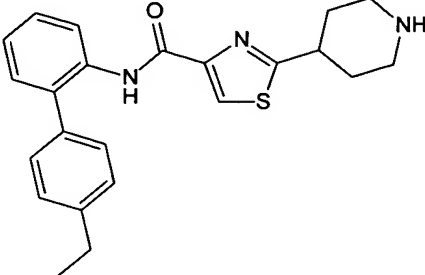
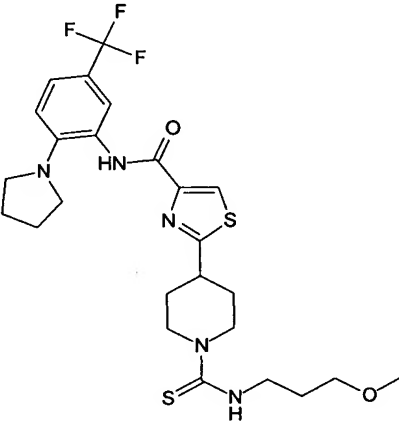
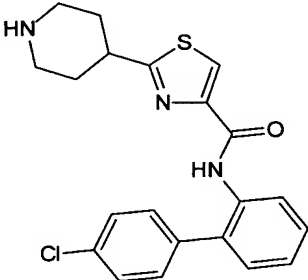
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 434 |  <chem>COCCNC(=S)N1CCc2cc(C3=CC(=CC=C3)C(=O)NN4=CC=CC=C4)cc2s1</chem> | |
| 435 |  <chem>COCCNC(=S)N1CCc2cc(C3=CC(=CC=C3C(C)(C)C)C(=O)NN4=CC=CC=C4C(C)(C)C)cc2s1</chem> | |
| 436 |  <chem>COC(=O)CCNC(=S)N1CCc2cc(C3=CC(=CC=C3C(=O)NN4CCOCC4)C(=O)NN5=CC=CC=C5)cc2s1</chem> | |

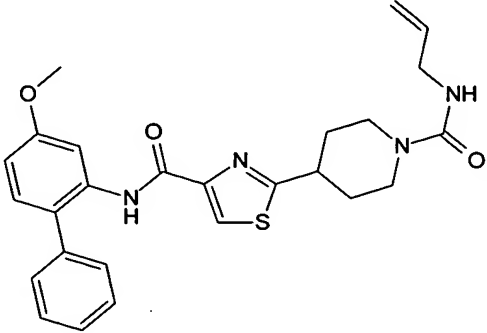
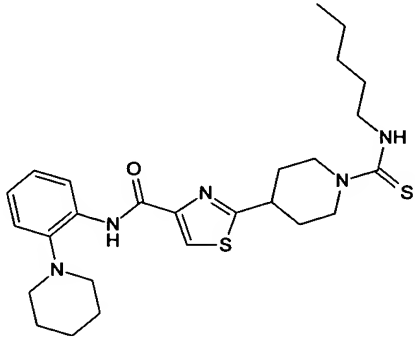
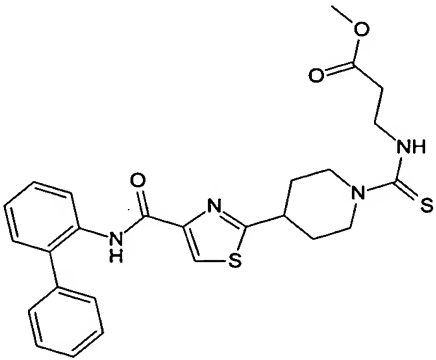
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 437 |  <p>2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p> | |
| 438 |  | |
| 439 |  | |

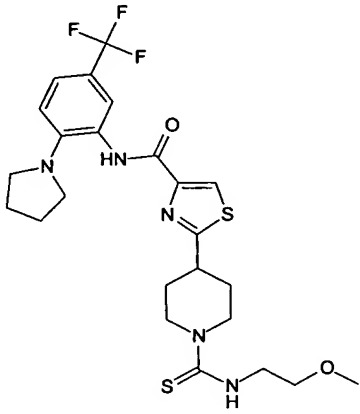
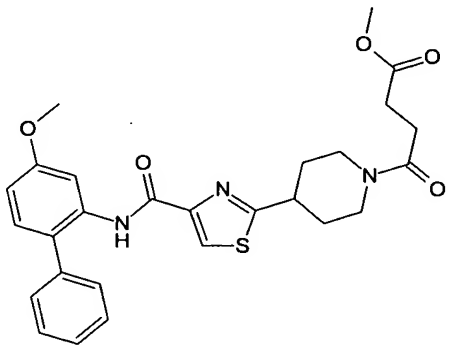
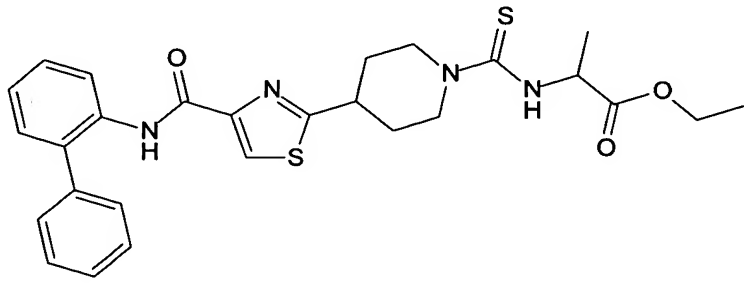
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 440 |  | |
| 441 |  <p data-bbox="306 1094 1206 1157">N-pentyl-4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 442 |  <p data-bbox="306 1734 1227 1797">N-allyl-4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |

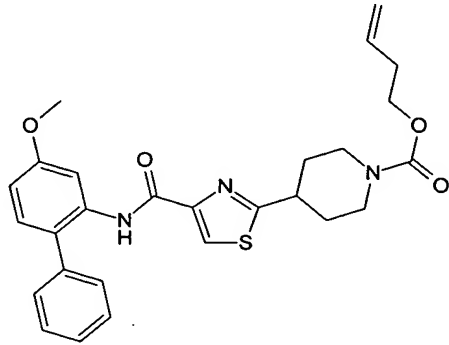
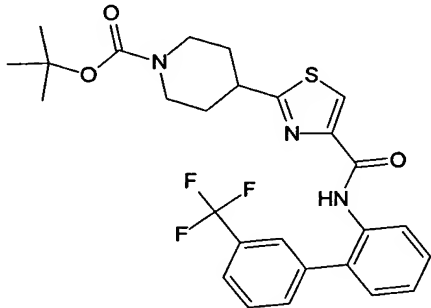
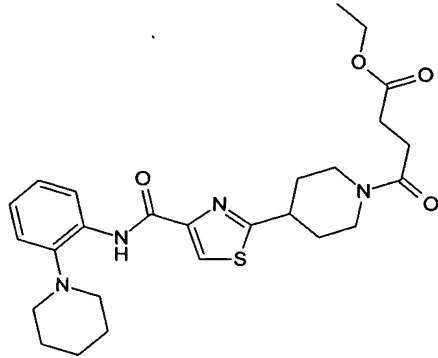
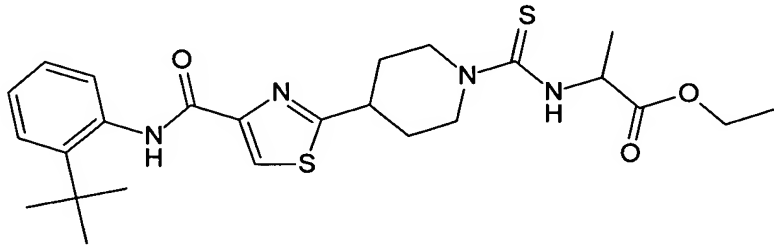
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 443 |  <chem>CCCCNC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)c3ccsc23</chem> | |
| 444 |  <chem>COC(=O)CNC(=S)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)c3ccsc23</chem> | |
| 445 |  <chem>CCCCNC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(OC)c(c3)C4=CC=CC=C4)c3ccsc23</chem> | |

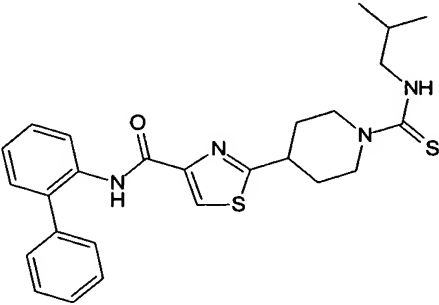
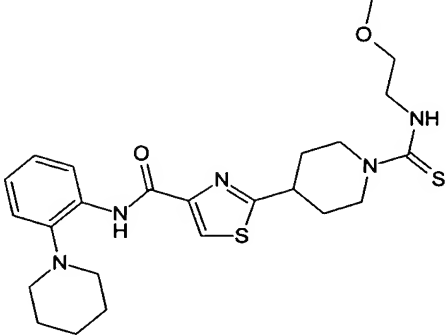
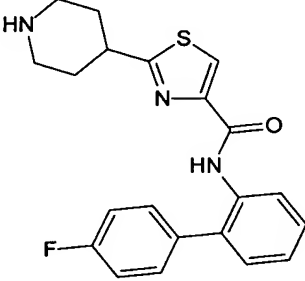
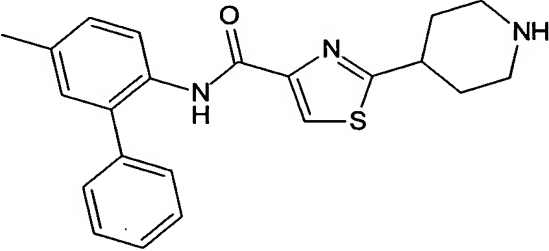
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 446 |  <chem>CCCCNC(=S)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCOCC4)c3ncc3</chem> | |
| 447 |  <chem>CCOC(=O)CNC(=S)N1CCCCC1c2sc(C(=O)Nc3cc4nnc(C)c4nc3)c3ncc3</chem> | |
| 448 |  <chem>CCOC(=O)C(C)NC(=S)N1CCCCC1c2sc(C(=O)Nc3cc4nnc(C)c4nc3)c3ncc3</chem> | |

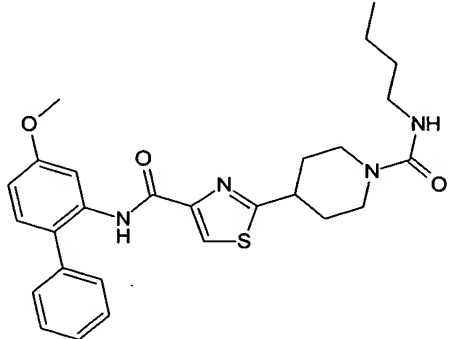
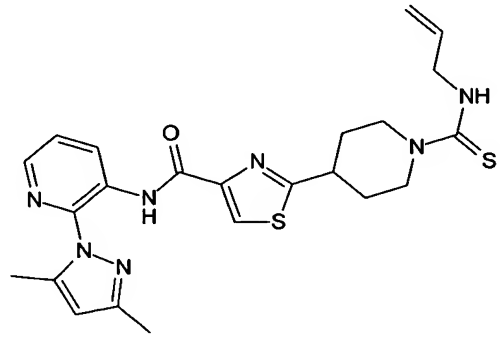
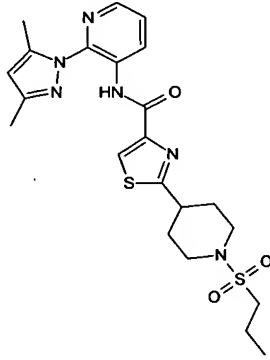
| No. | FORMULA | NMR or mass |
|-----|---|---|
| 449 |  <chem>CCc1ccc(cc1)N(c2ccccc2)C(=O)c3cc(sc3C4CCCCN4)c5ccccc5</chem> | |
| 450 |  <chem>COCCCN(C(=S)N1CCCCC1)c2nc(cc2C3CCCCN3)C(=O)Nc4cc(C(F)(F)F)c(N5CCCC5)c4</chem> | 2-(1-[[3-methoxypropyl]amino]carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide |
| 451 |  <chem>Clc1ccc(cc1)N(c2ccccc2)C(=O)c3cc(nc3C4CCCCN4)c5ccccc5</chem> | |

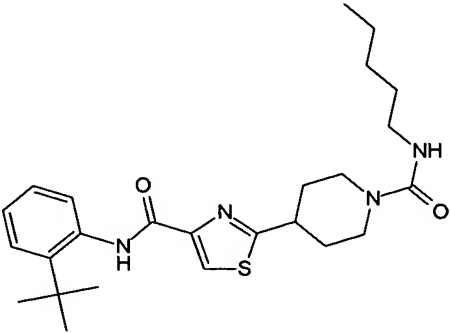
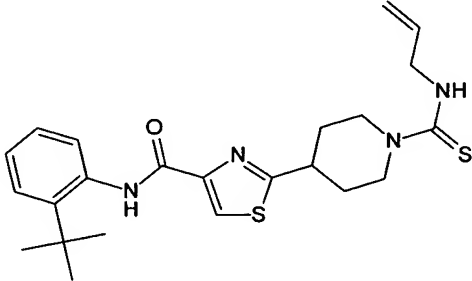
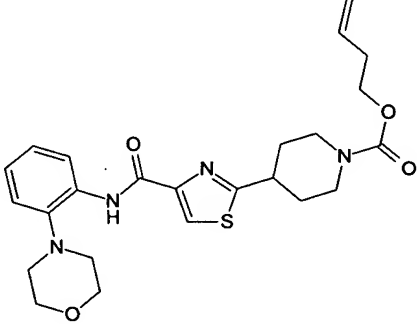
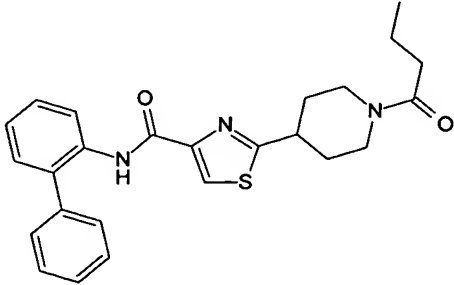
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 452 |  <chem>COc1ccc(cc1-c2ccccc2)NC(=O)c3ccsc3C4CCN(CC4)C(=O)NCC=C</chem> | |
| 453 |  <chem>CCCCNC(=S)NCC(=O)N1CCN(CC1)c2ccsc2NC(=O)c3ccccc3N4CCCCC4</chem> | |
| 454 |  <chem>COC(=O)NCC(=O)N1CCN(CC1)c2ccsc2NC(=O)c3ccccc3-c4ccccc4</chem> | |

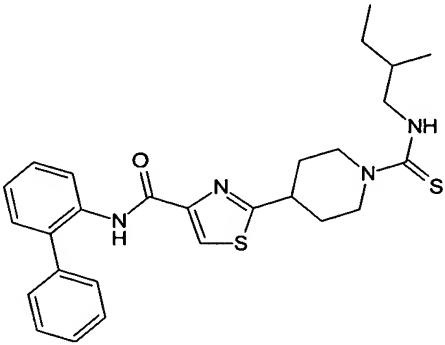
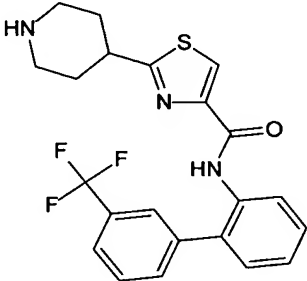
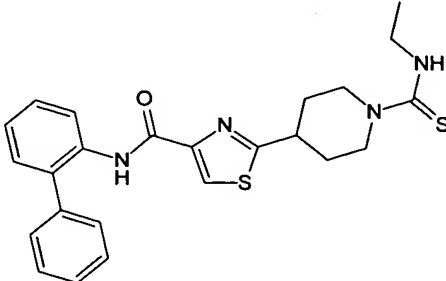
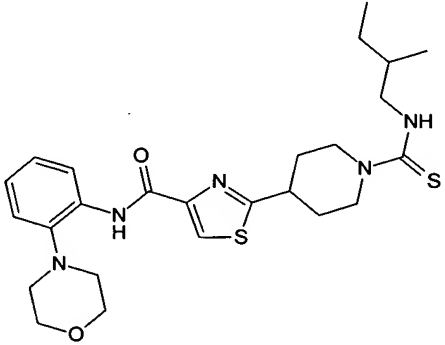
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 455 |  <p>2-(1-[[2-methoxyethyl]amino]carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 456 |  | |
| 457 |  | |

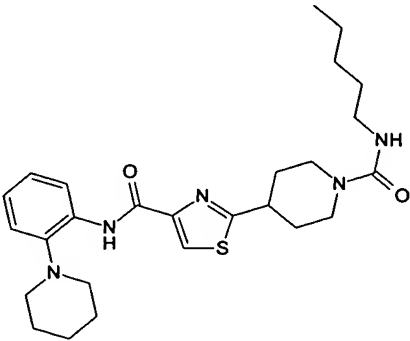
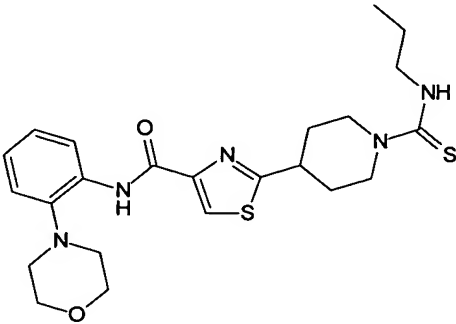
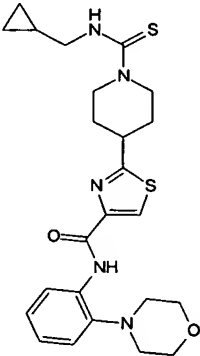
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 458 |  | |
| 459 |  | |
| 460 |  | |
| 461 |  | |

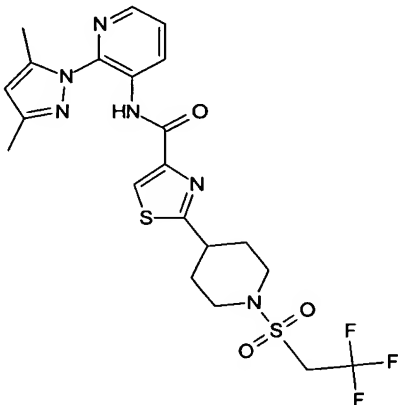
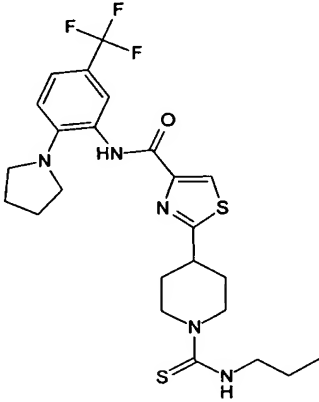
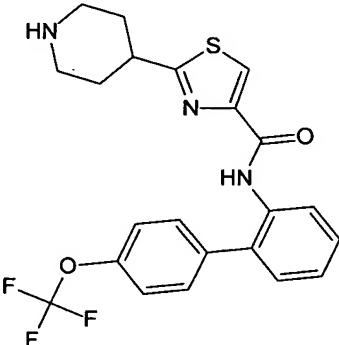
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 462 |  | |
| 463 |  | |
| 464 |  | |
| 465 |  | |

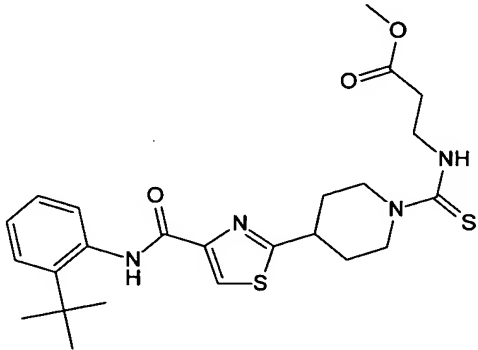
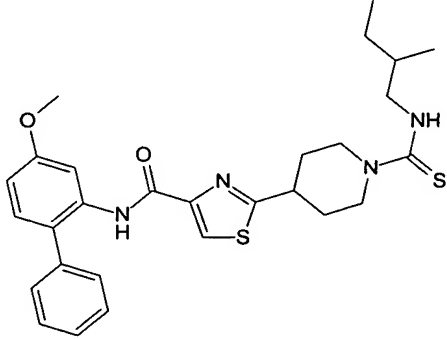
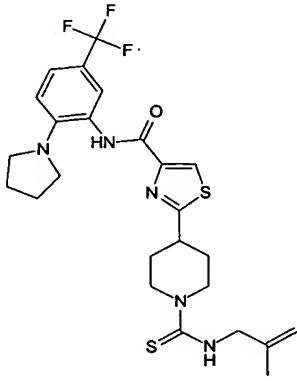
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 466 |  | |
| 467 |  | |
| 468 |  <p data-bbox="308 1512 1136 1575">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(propylsulfonyl)-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

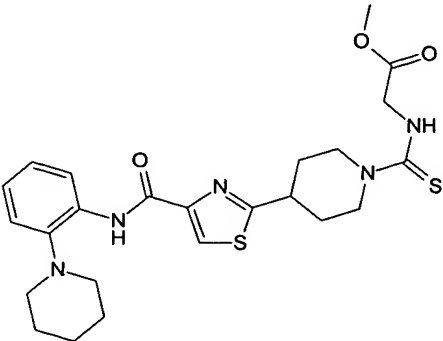
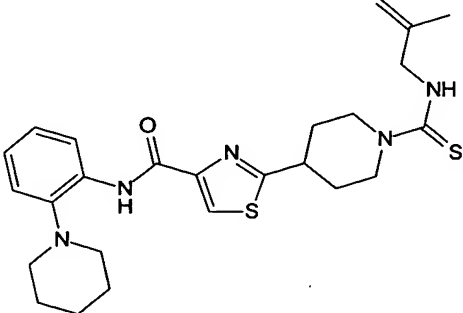
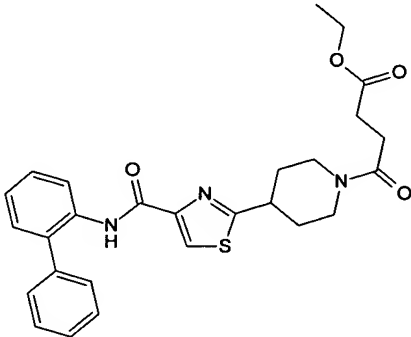
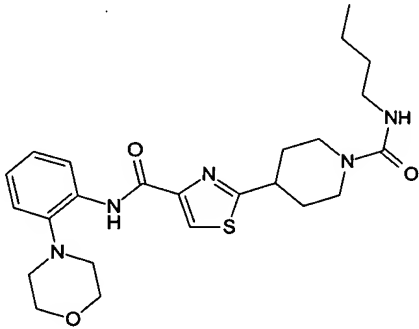
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 469 |  <chem>CCCCC(=O)N[C@@H]1CC[C@H](c2sc(C(=O)Nc3ccccc3C(C)(C)C)n2)CC1</chem> | |
| 470 |  <chem>C=CCNC(=S)[N@@H]1CC[C@H](c2sc(C(=O)Nc3ccccc3C(C)(C)C)n2)CC1</chem> | |
| 471 |  <chem>C=CC(=O)O[C@@H]1CC[C@H](c2sc(C(=O)Nc3ccc(cc3N4CCOCC4))n2)CC1</chem> | |
| 472 |  <chem>CCC(=O)N[C@@H]1CC[C@H](c2sc(C(=O)Nc3ccccc3-c4ccccc4)n2)CC1</chem> | |

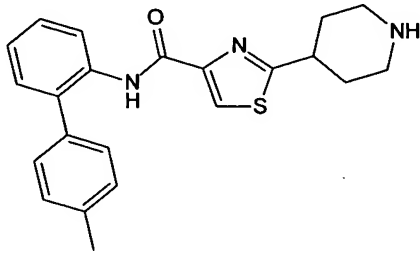
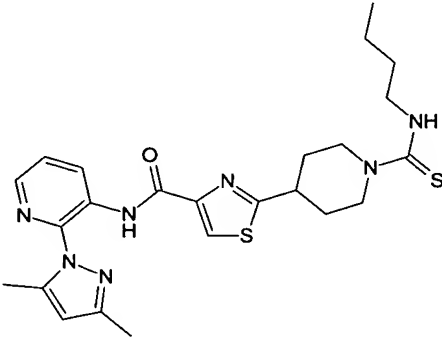
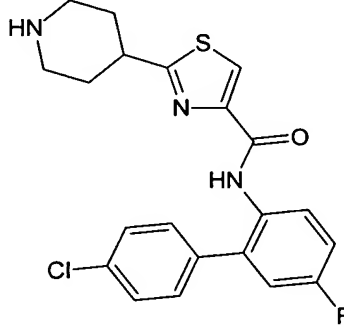
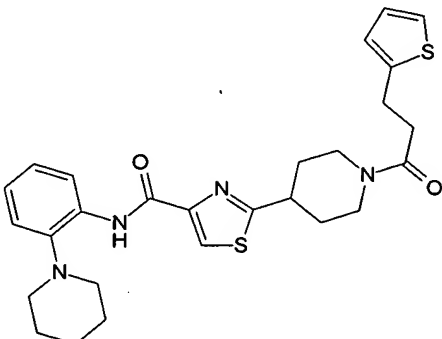
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 473 |  | |
| 474 |  | |
| 475 |  | |
| 476 |  | |

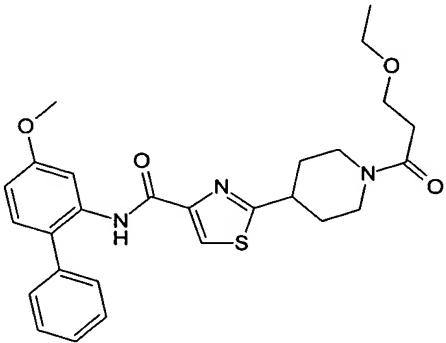
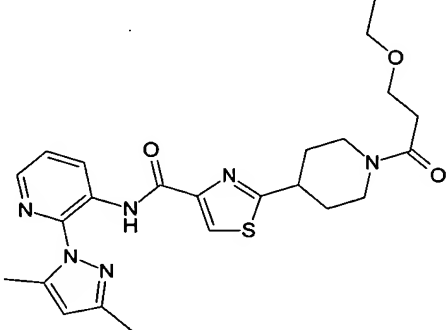
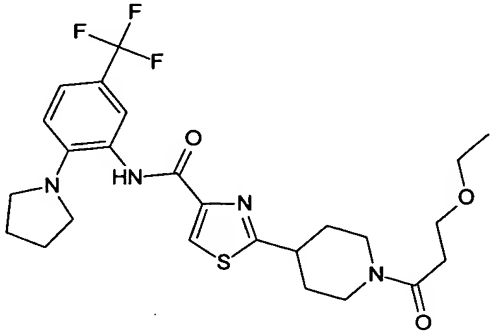
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 477 |  | |
| 478 |  | |
| 479 |  <p data-bbox="310 1514 1110 1570">2-(1-[[cyclopropylmethyl]amino]carbonothioyl)piperidin-4-yl)-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |

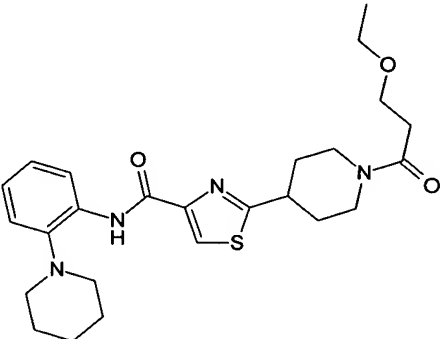
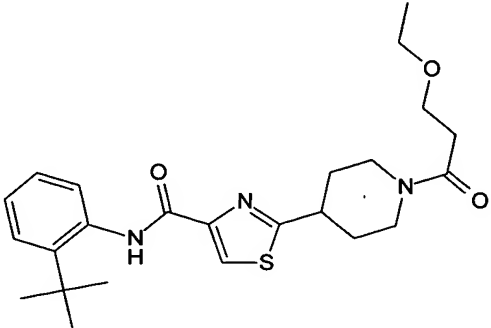
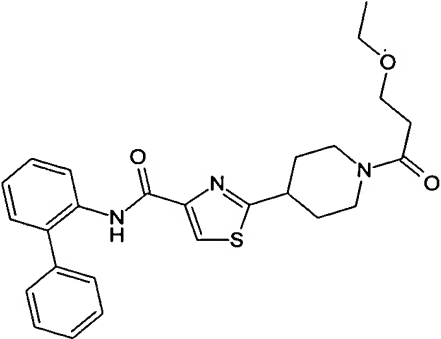
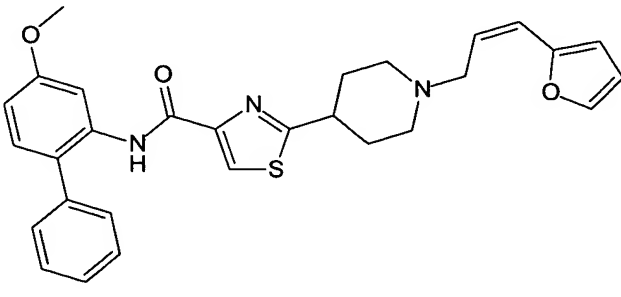
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 480 |  <p data-bbox="310 772 1195 831">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 481 |  <p data-bbox="310 1335 1146 1394">2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 482 |  | |

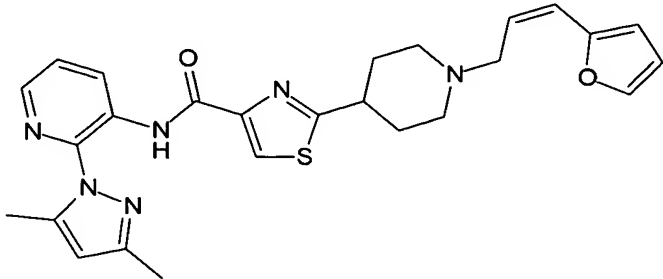
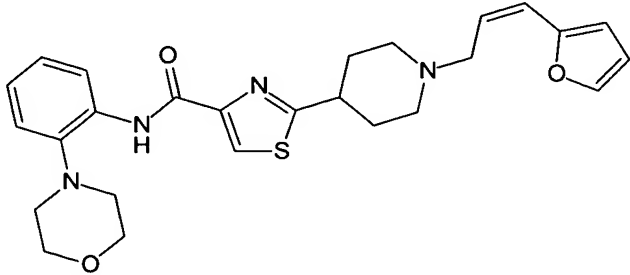
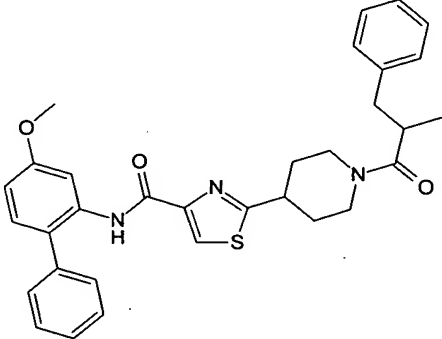
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 483 |  | |
| 484 |  | |
| 485 |  <p data-bbox="310 1507 1170 1570">2-(1-[[2-methylprop-2-en-1-yl]amino]carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |

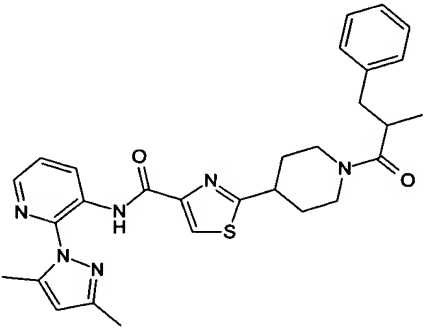
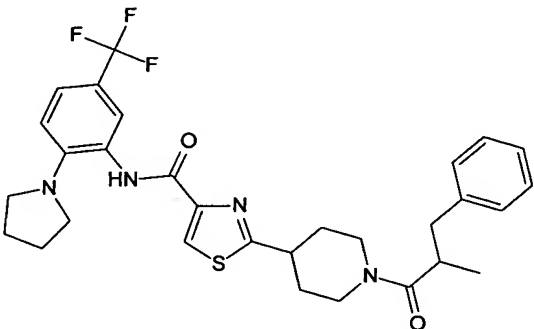
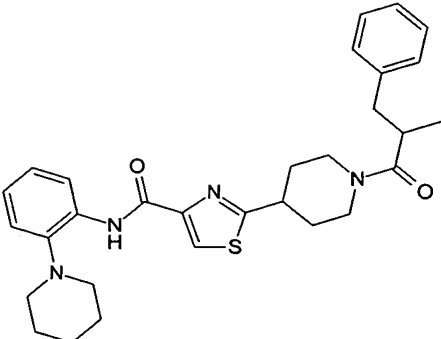
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 486 |  | |
| 487 |  | |
| 488 |  | |
| 489 |  | |

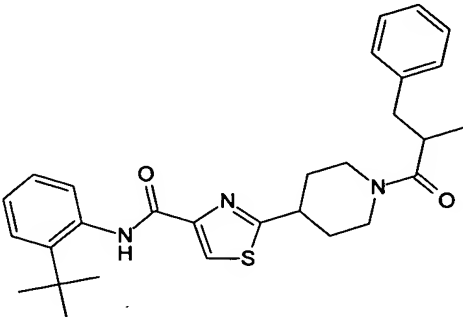
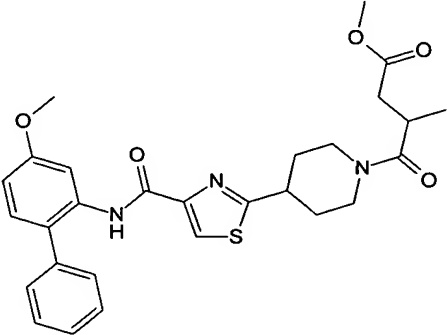
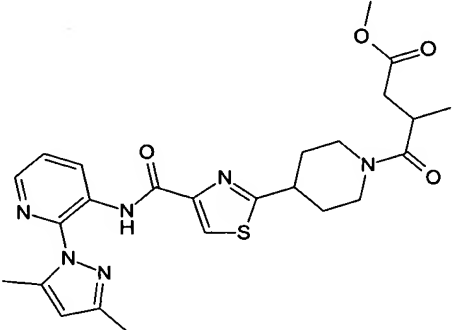
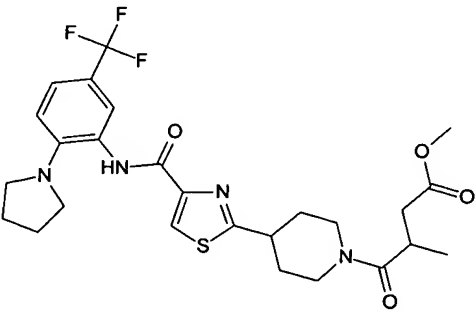
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 490 |  | |
| 491 |  <p data-bbox="316 987 1144 1050">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p> | |
| 492 |  | |
| 493 |  | |

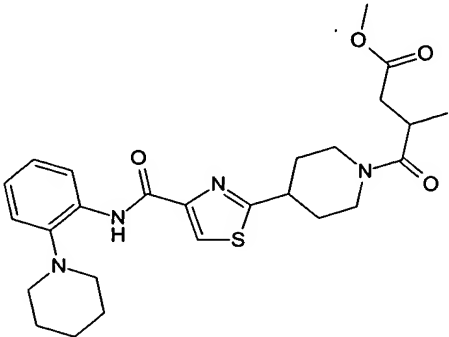
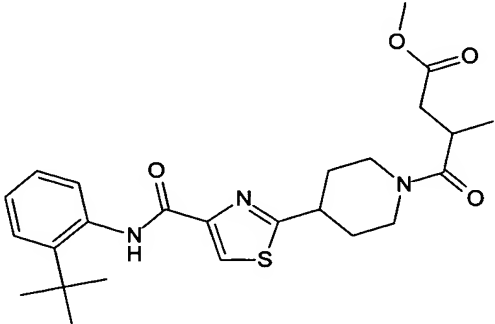
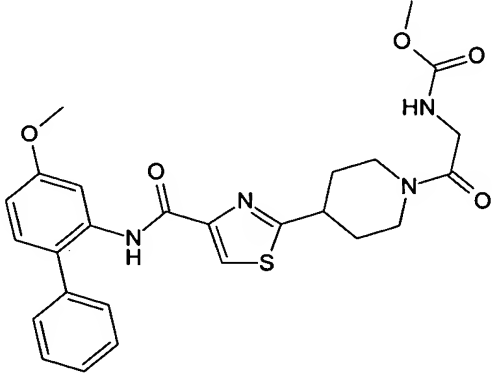
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 494 |  <chem>COc1ccc(cc1)NC(=O)c2ccsc2C3CCN(CC3)C(=O)OCC</chem> | |
| 495 |  <chem>Cc1c[nH]c2ccncc12C(=O)c3ccsc3C4CCN(CC4)C(=O)OCC</chem> | |
| 496 |  <chem>CCOC(=O)N1CCNCC1c2ccsc2C(=O)Nc3ccc(cc3C(F)(F)F)N4CCCC4</chem> | |

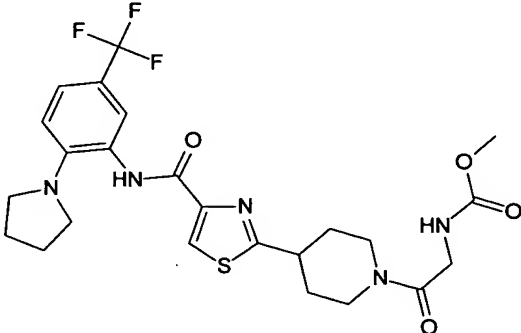
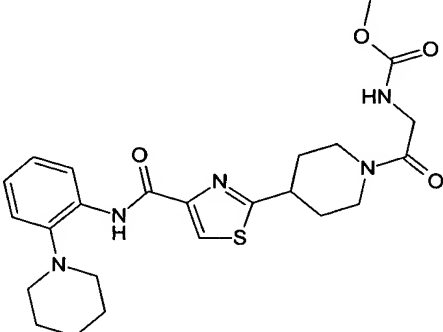
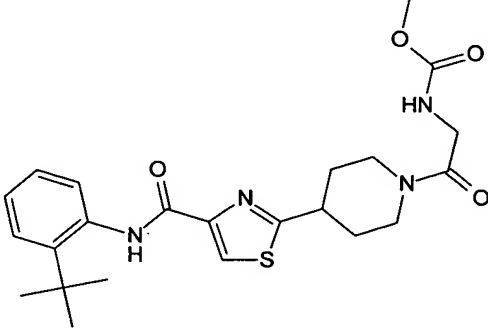
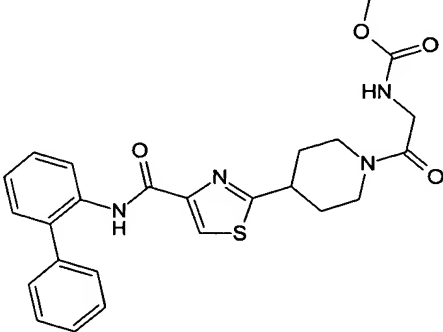
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 497 |  <chem>CCOC(=O)CCN1CCCCC1C2=CN=C(C(=S2)C(=O)Nc3ccccc3N4CCCCC4)c5ccccc5</chem> | |
| 498 |  <chem>CCOC(=O)CCN1CCCCC1C2=CN=C(C(=S2)C(=O)Nc3ccccc3C(C)(C)C)c4ccccc4</chem> | |
| 499 |  <chem>CCOC(=O)CCN1CCCCC1C2=CN=C(C(=S2)C(=O)Nc3ccccc3-c4ccccc4)c5ccccc5</chem> | |
| 500 |  <chem>COc1ccc(cc1)C(=O)Nc2ccccc2C3=CN=C(C(=S3)C4CCCCC4N(C5=CC=CC=C5O)C=C5)c6ccccc6</chem> | |

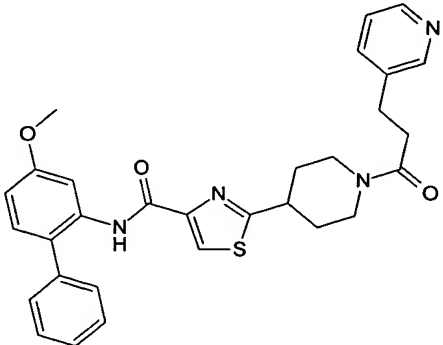
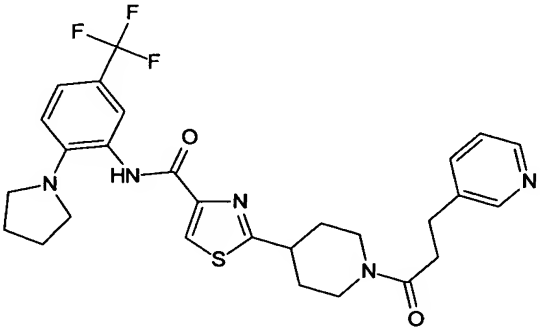
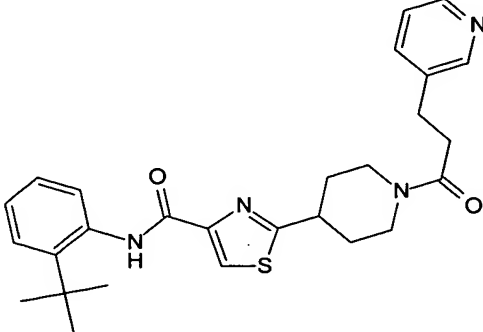
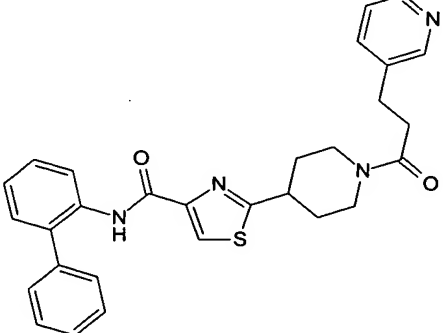
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 501 |  <chem>Cc1cc2nc(C)nc2cc1Nc1cccnc1NC(=O)c1ccsc1C2CCN(CC2)C/C=C/c3ccoc3</chem> | |
| 502 |  <chem>C1CCN(C1)c2ccccc2NC(=O)c3ccsc3C4CCN(CC4)C/C=C/c5ccoc5</chem> | |
| 503 |  <chem>COc1ccc(cc1C2=CC=CC=C2)NC(=O)c3ccsc3C4CCN(CC4)C(=O)C(C)C5=CC=CC=C5</chem> | |

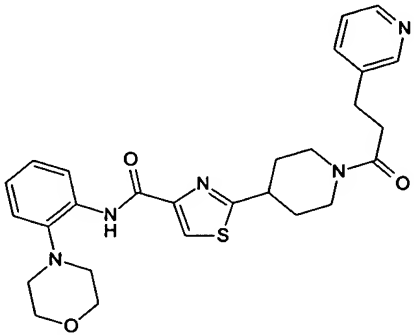
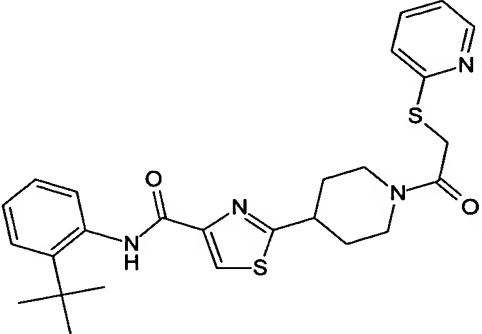
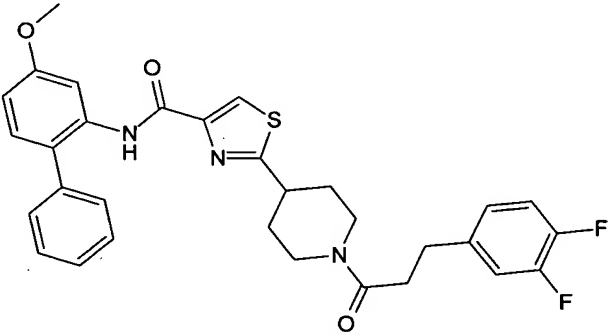
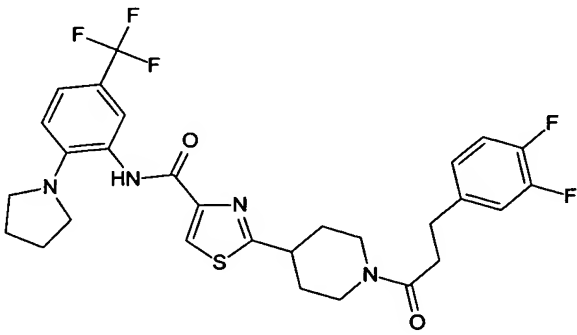
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 504 |  <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 505 |  <p>N-[2-(3,5-difluorophenyl)-1-(pyrrolidin-1-yl)pyridin-3-yl]-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 506 |  <p>N-[2-(1-(piperidin-1-yl)phenyl)pyridin-3-yl]-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

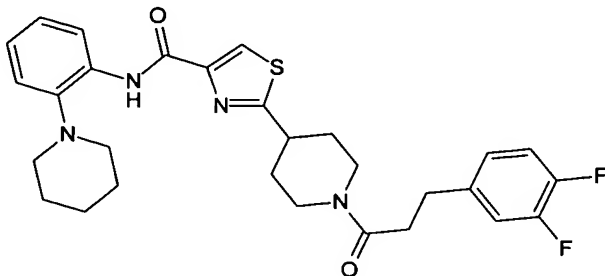
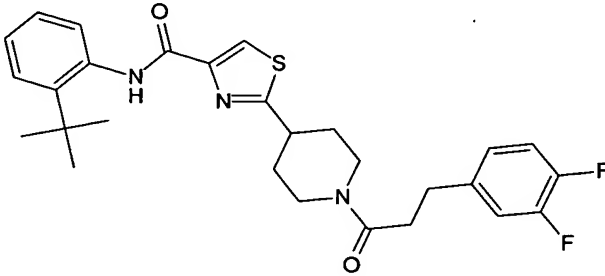
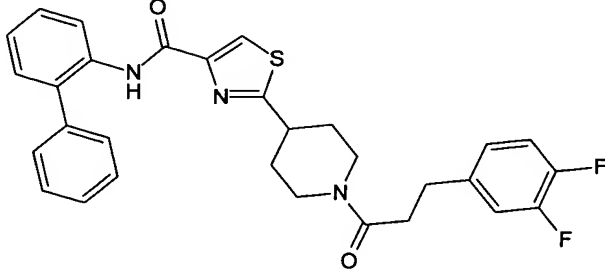
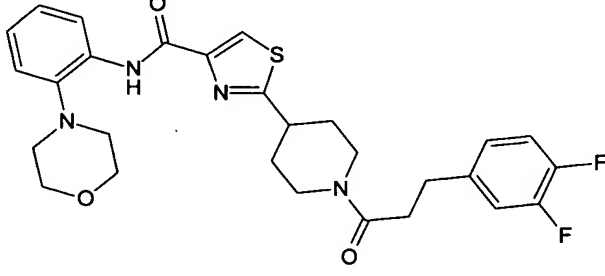
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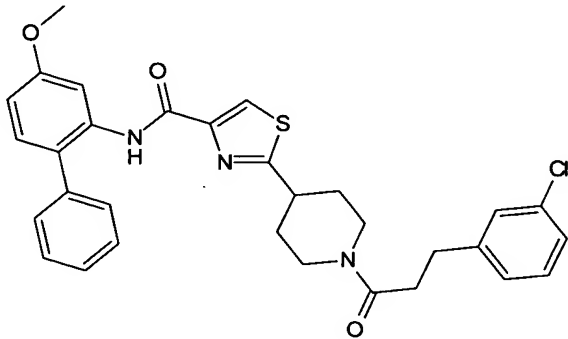
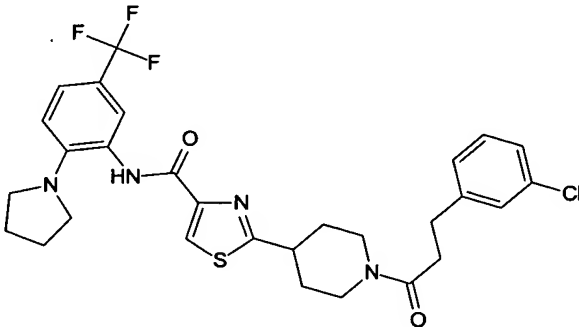
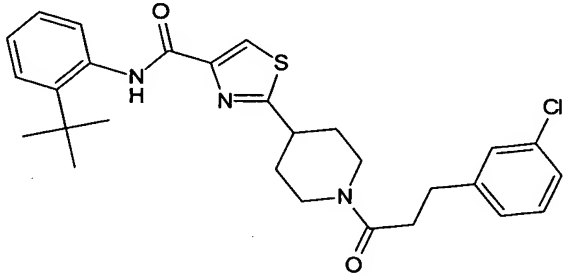
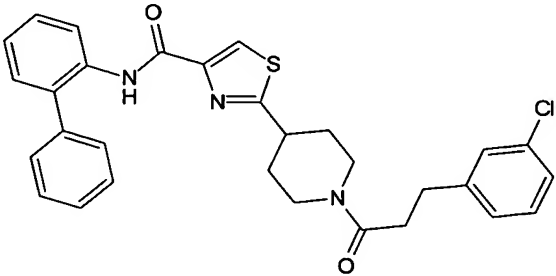
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 511 |  <chem>COCC(=O)N1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCCCC4</chem> | |
| 512 |  <chem>COCC(=O)N1CCN(CC1)c2ccsc2C(=O)Nc3cc(C(C)(C)C)ccc3</chem> | |
| 513 |  <chem>COCC(=O)N1CCN(CC1)c2ccsc2C(=O)Nc3cc(OC)ccc3-c4ccccc4</chem> | |

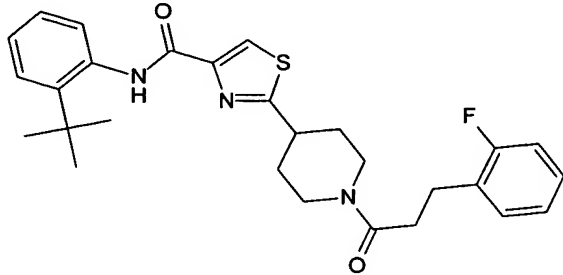
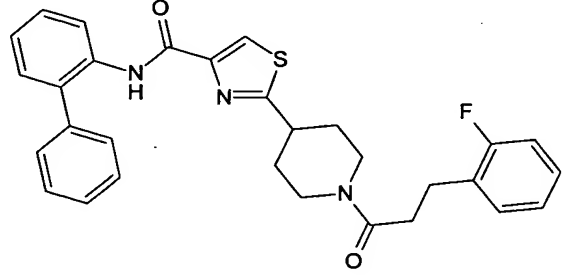
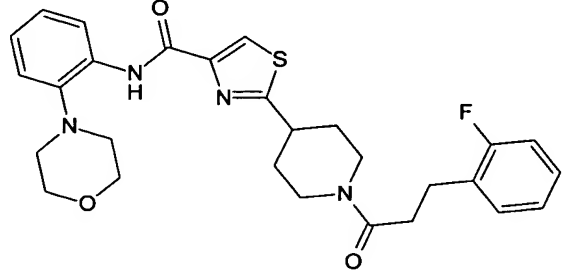
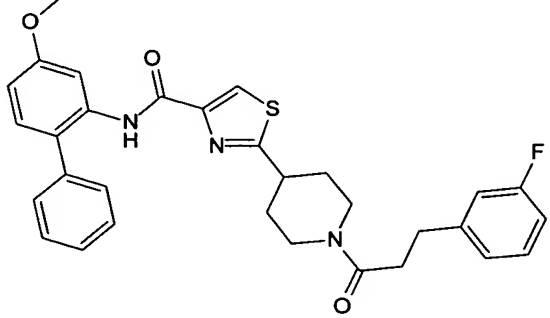
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 514 |  <chem>COCC(=O)N1CCN(CC1)c2sc(C(=O)Nc3ccc(C(F)(F)F)cc3N4CCCC4)c2</chem> | |
| 515 |  <chem>COCC(=O)N1CCN(CC1)c2sc(C(=O)Nc3ccccc3N4CCCCC4)c2</chem> | |
| 516 |  <chem>COCC(=O)N1CCN(CC1)c2sc(C(=O)Nc3ccc(cc3N4CCCCC4)C5=CC=C(C(C)(C)C)C5)c2</chem> | |
| 517 |  <chem>COCC(=O)N1CCN(CC1)c2sc(C(=O)Nc3ccccc3Cc4ccccc4)c2</chem> | |

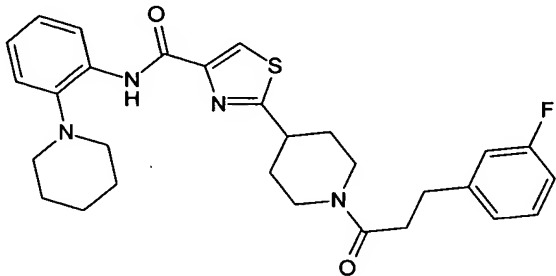
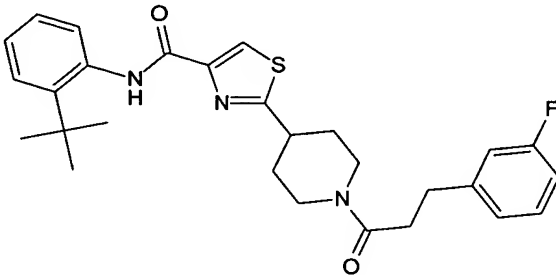
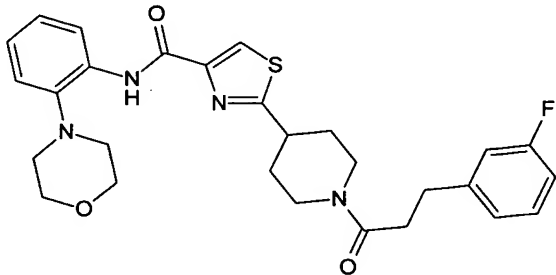
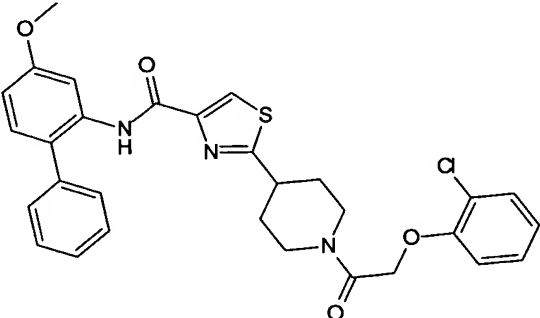
| No. | FORMULA | NMR or mass |
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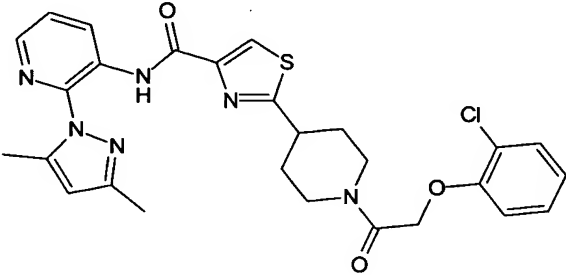
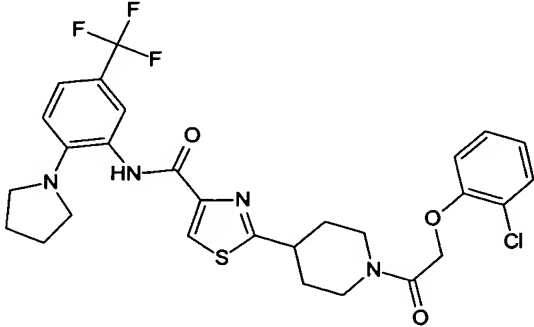
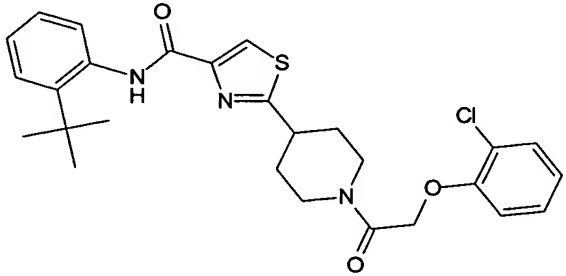
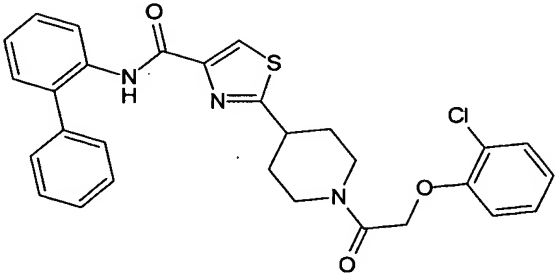
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 522 |  <chem>C1CCN(C1)C(=O)Nc2ccccc2N3CCOCC3c4nc(C5CCN(C5)C(=O)CC6=CC=CC=N6)s4</chem> | |
| 523 |  <chem>CC(C)(C)c1ccc(NC(=O)c2nc(C3CCN(C3)C(=O)CC4=CC=CC=N4)s2)cc1</chem> | |
| 524 |  <chem>COc1ccc(NC(=O)c2nc(C3CCN(C3)C(=O)CCc4ccc(F)c(F)c4)s2)c(c1)-c5ccccc5</chem> | |
| 525 |  <chem>FC1=CC=C(C=C1C2=CC=CC=C2N3CCOCC3)C(=O)Nc4nc(C5CCN(C5)C(=O)CCc6ccc(F)c(F)c6)s4</chem> | |

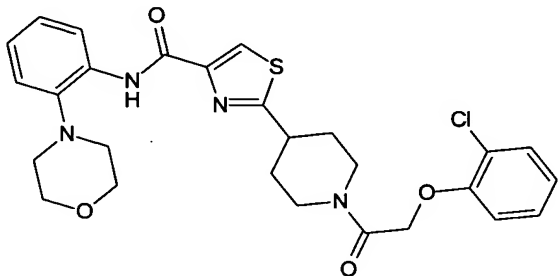
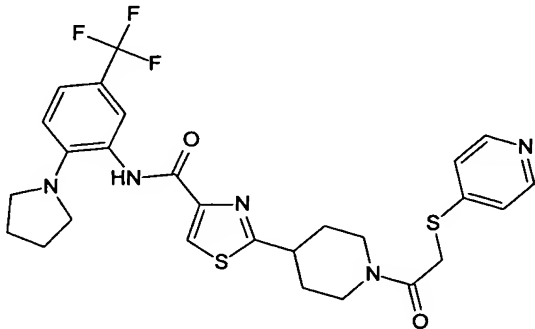
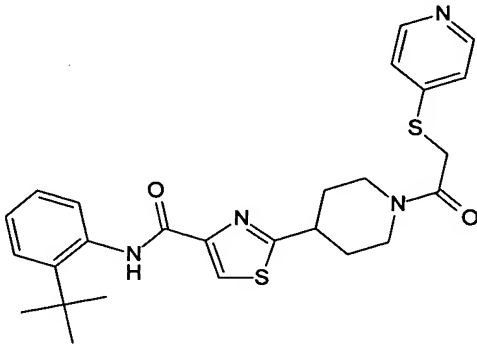
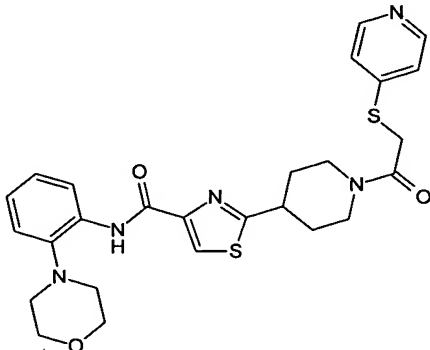
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 526 |  <chem>O=C(Nc1ccccc1N2CCCCC2)c3nc(cc3S)C4CCN(C4)C(=O)CCc5ccc(F)c(F)c5</chem> | |
| 527 |  <chem>CC(C)(C)C(=O)Nc1ccccc1C2=CC=CC=C2C(=O)c3nc(cc3S)C4CCN(C4)C(=O)CCc5ccc(F)c(F)c5</chem> | |
| 528 |  <chem>O=C(Nc1ccccc1-c2ccccc2)C(=O)c3nc(cc3S)C4CCN(C4)C(=O)CCc5ccc(F)c(F)c5</chem> | |
| 529 |  <chem>O=C(Nc1ccccc1N2CCOCC2)C(=O)c3nc(cc3S)C4CCN(C4)C(=O)CCc5ccc(F)c(F)c5</chem> | |

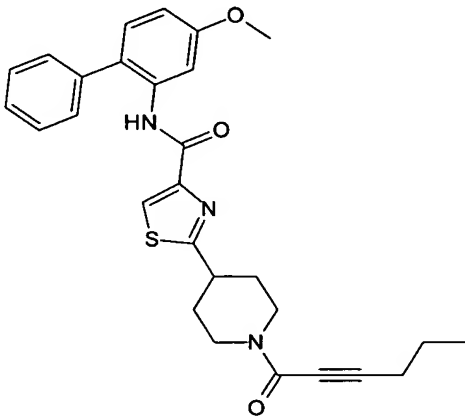
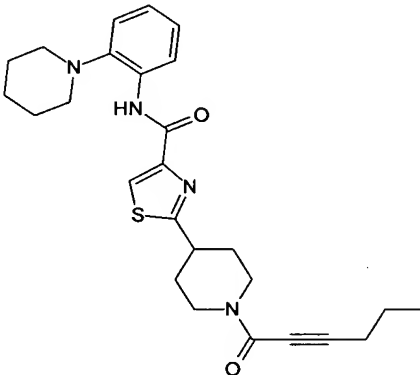
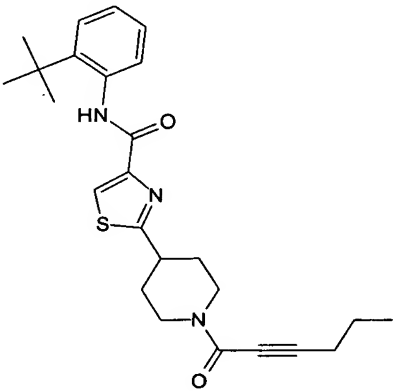
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 530 |  <chem>COc1ccc(NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(Cl)cc4)cc1</chem> | |
| 531 |  <chem>FC(F)(F)c1ccc(NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(Cl)cc4)cc1</chem> | |
| 532 |  <chem>CC(C)(C)c1ccc(NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(Cl)cc4)cc1</chem> | |
| 533 |  <chem>c1ccc(cc1)-c2ccccc2NC(=O)c3nc(s3)C4CCN(C4)C(=O)CCc5ccc(Cl)cc5</chem> | |

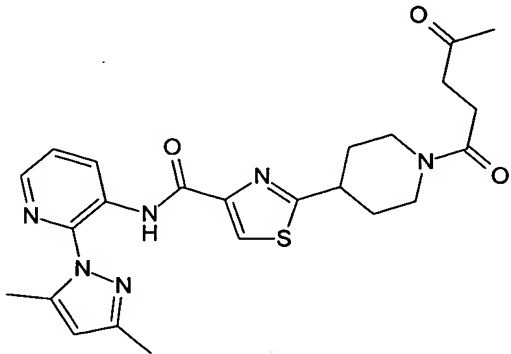
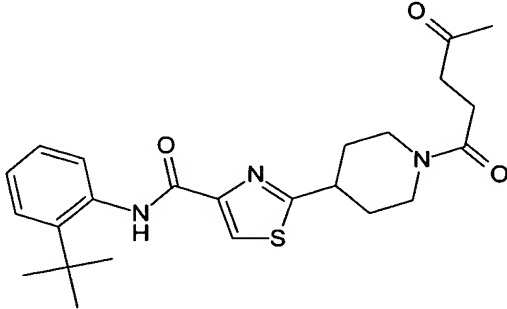
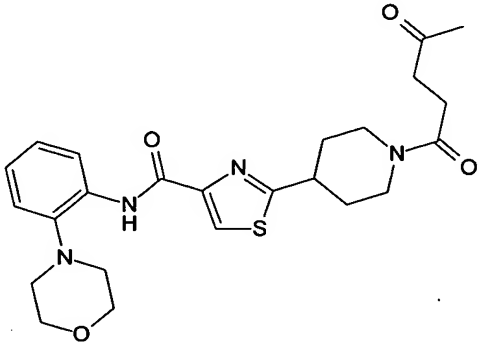
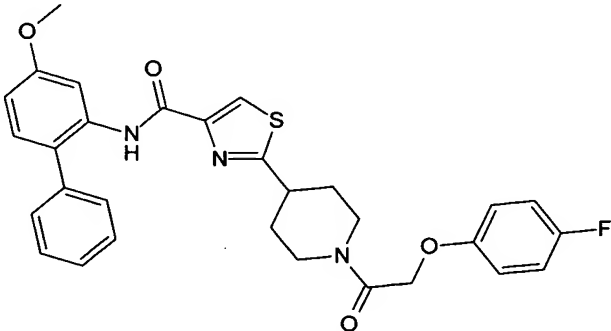
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 534 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2cc(sc2C3CCN(C3)C(=O)CCc4ccc(F)cc4)</chem> | |
| 535 |  <chem>c1ccccc1C2=CC=CC=C2NC(=O)c3cc(sc3C4CCN(C4)C(=O)CCc5ccc(F)cc5)</chem> | |
| 536 |  <chem>C1CCN(C1)c2ccccc2NC(=O)c3cc(sc3C4CCN(C4)C(=O)CCc5ccc(F)cc5)</chem> | |
| 537 |  <chem>COc1ccc(cc1C2=CC=CC=C2NC(=O)c3cc(sc3C4CCN(C4)C(=O)CCc5ccc(F)cc5))</chem> | |

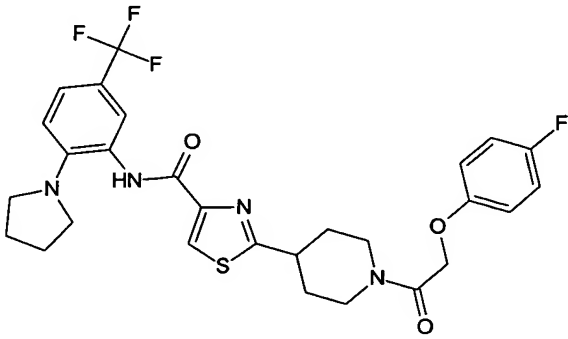
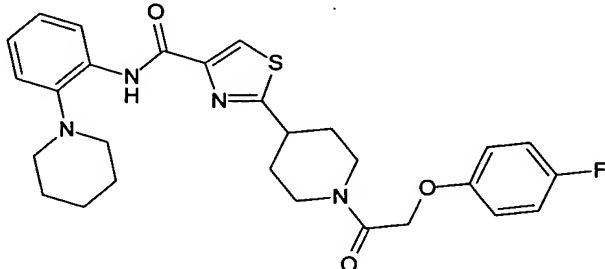
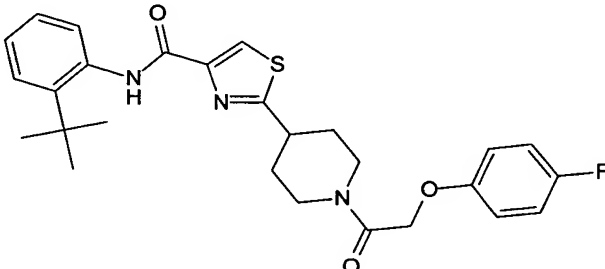
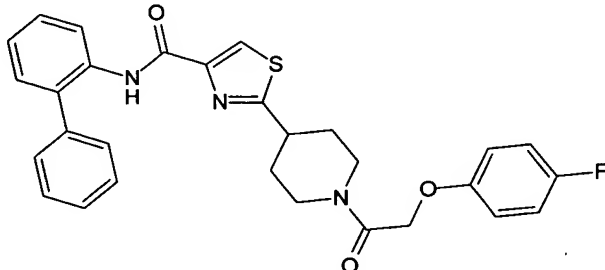
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
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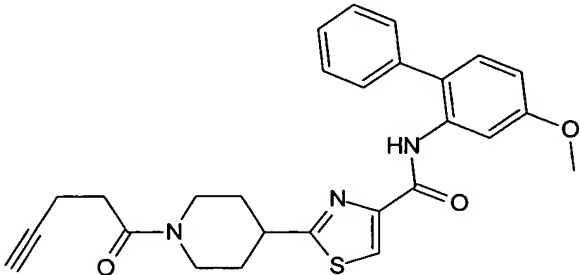
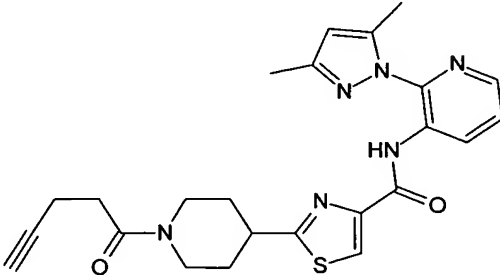
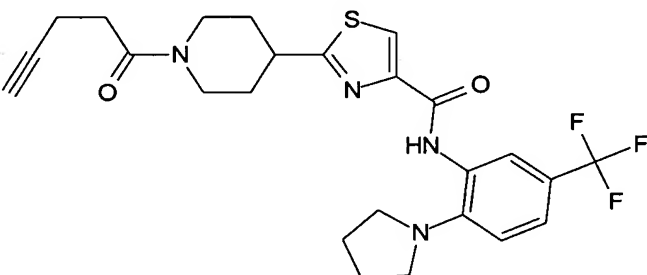
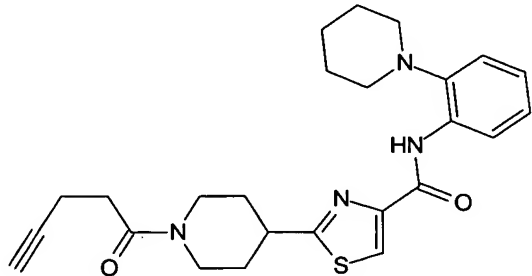
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
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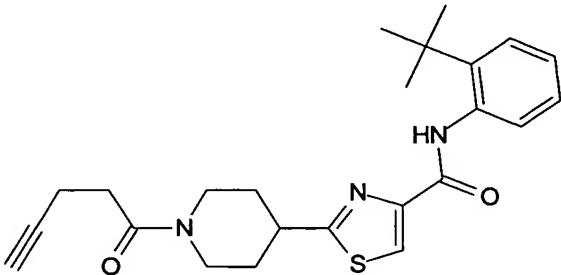
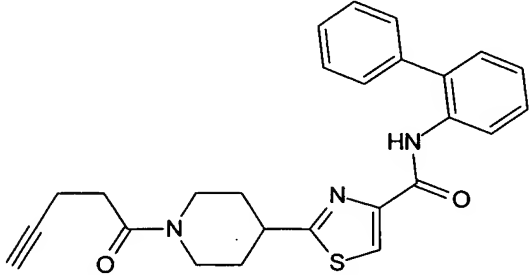
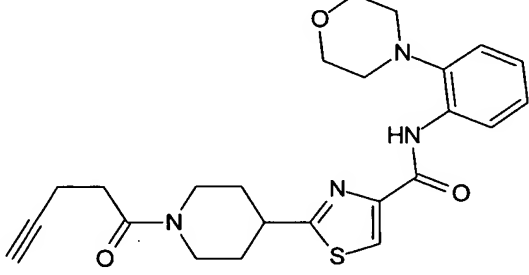
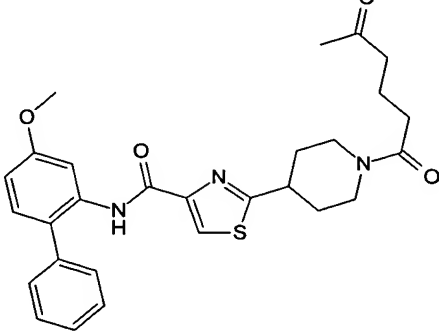
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 546 |  <chem>O=C1CN(C1)c2ccccc2NC(=O)c3nc(s3)C4CCN(C4)C(=O)CCOc5ccc(Cl)cc5</chem> | |
| 547 |  <chem>O=C1CN(C1)c2ccccc2NC(=O)c3nc(s3)C4CCN(C4)C(=O)CCSc5cccnc5</chem> | |
| 548 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCSc4cccnc4</chem> | |
| 549 |  <chem>O=C1CN(C1)c2ccccc2NC(=O)c3nc(s3)C4CCN(C4)C(=O)CCSc5cccnc5</chem> | |

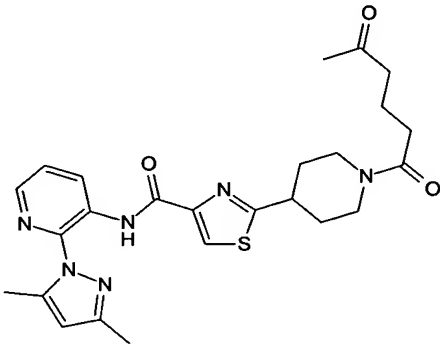
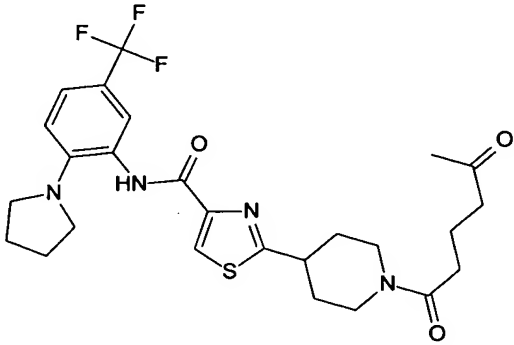
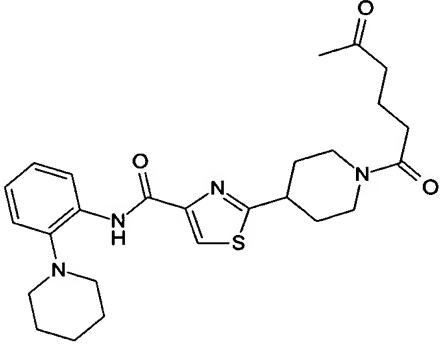
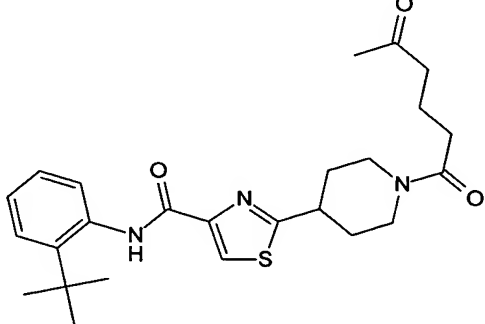
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 550 |  <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 551 |  <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 552 |  <p>N-(2-tert-butylphenyl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

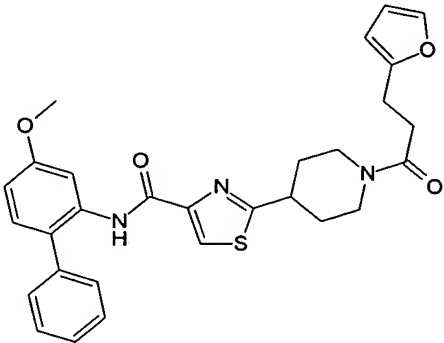
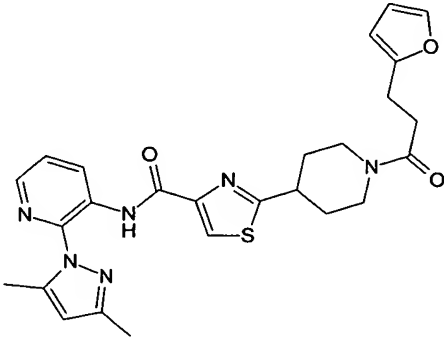
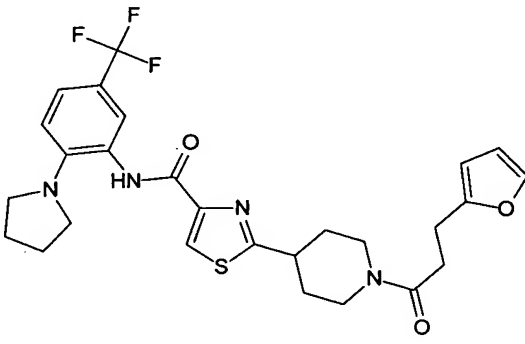
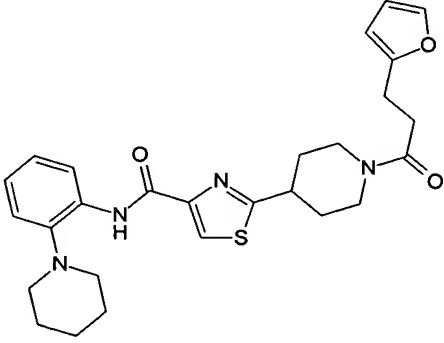
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
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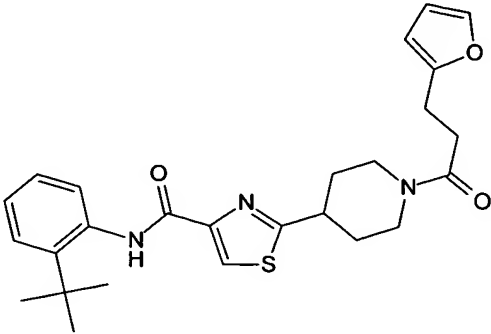
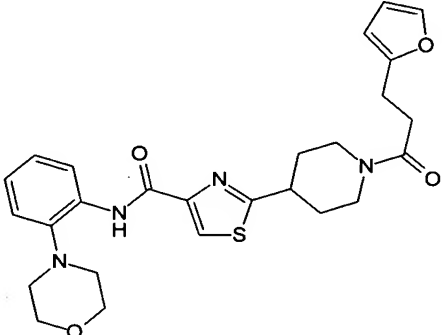
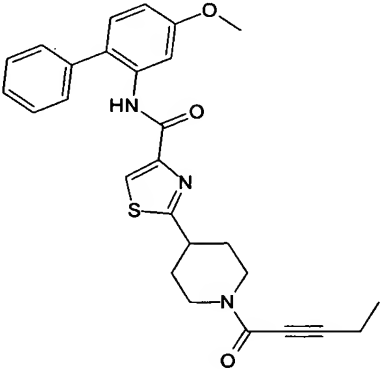
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 557 |  <chem>FC1=CC=C(OC(=O)N2CCCC2)c1ccccc1C1=CN(C(=O)Nc2ccc(C(F)(F)F)cc2)S1</chem> | |
| 558 |  <chem>FC1=CC=C(OC(=O)N2CCCC2)c1ccccc1C1=CN(C(=O)Nc2ccccc2N2CCCCC2)S1</chem> | |
| 559 |  <chem>FC1=CC=C(OC(=O)N2CCCC2)c1ccccc1C1=CN(C(=O)Nc2ccccc2C(C)(C)C)S1</chem> | |
| 560 |  <chem>FC1=CC=C(OC(=O)N2CCCC2)c1ccccc1C1=CN(C(=O)Nc2ccccc2N3CCCCC3)S1</chem> | |

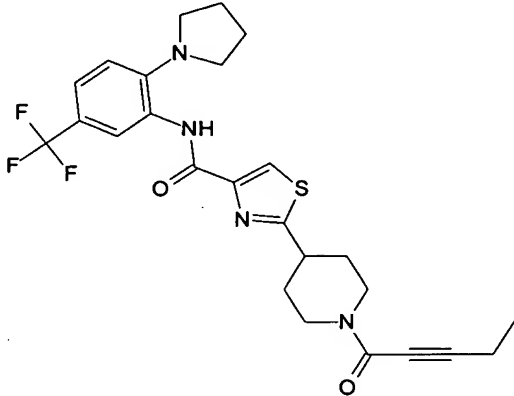
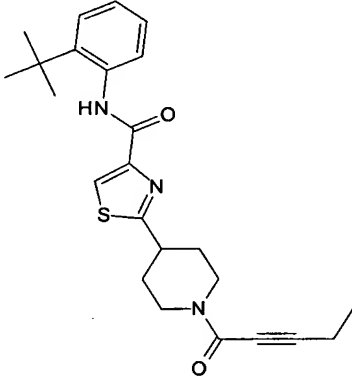
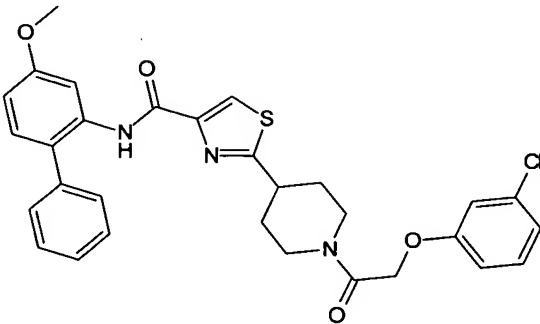
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 561 |  <chem>CC#CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(OC)cc3)cs2</chem> | |
| 562 |  <chem>CC#CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc4c(c3)n(C)c5c4n(C)cn5)cs2</chem> | |
| 563 |  <chem>CC#CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(C(F)(F)F)cc3N4CCCC4)ns2</chem> | |
| 564 |  <chem>CC#CCCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(N4CCCCC4)cc3)cs2</chem> | |

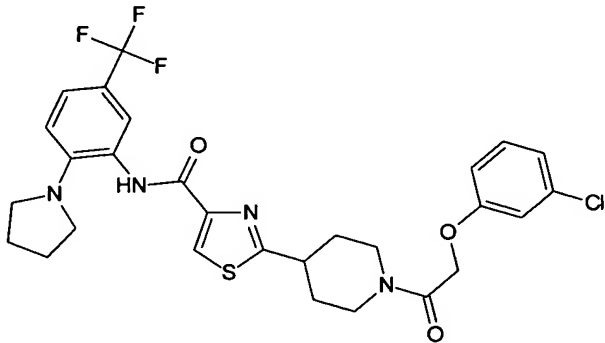
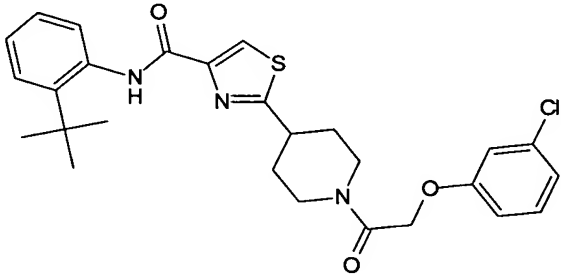
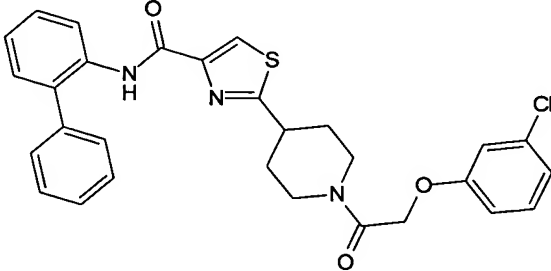
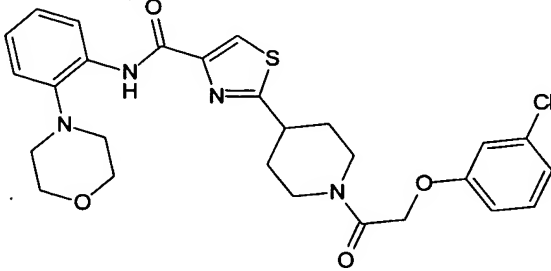
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 565 |  <chem>CC(C)(C)c1ccc(cc1)NC(=O)c2cc(sc2C3CCN(CC3)C(=O)CC#C)C(=O)N</chem> | |
| 566 |  <chem>c1ccc(cc1)-c2ccccc2NC(=O)c3cc(sc3C4CCN(CC4)C(=O)CC#C)C(=O)N</chem> | |
| 567 |  <chem>C1CCN(C1)C2=CC=C(C=C2)NC(=O)c3cc(sc3C4CCN(CC4)C(=O)CC#C)C(=O)N</chem> | |
| 568 |  <chem>COc1ccc(cc1)C2=CC=C(C=C2)C(=O)Nc3cc(sc3C4CCN(CC4)C(=O)CC#C)C(=O)N</chem> | |

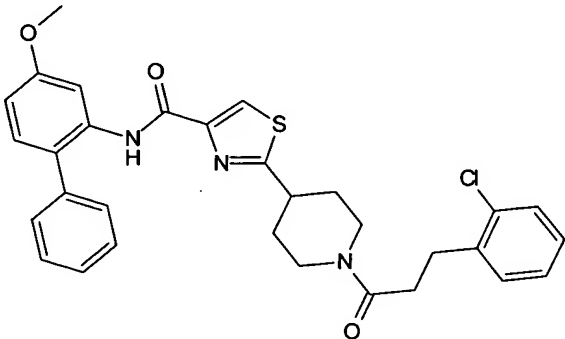
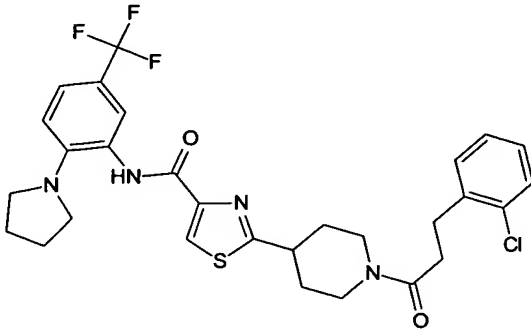
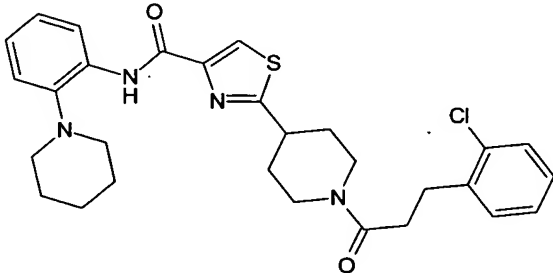
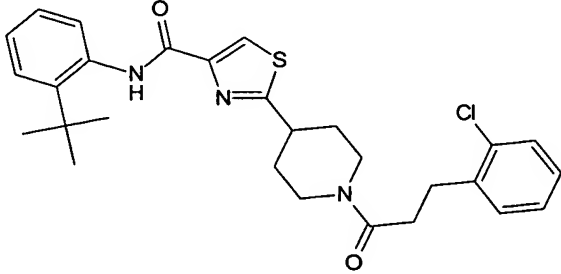
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 569 |  | |
| 570 |  | |
| 571 |  | |
| 572 |  | |

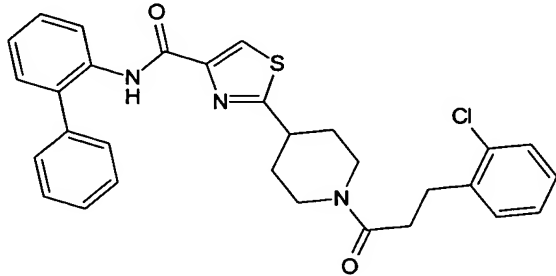
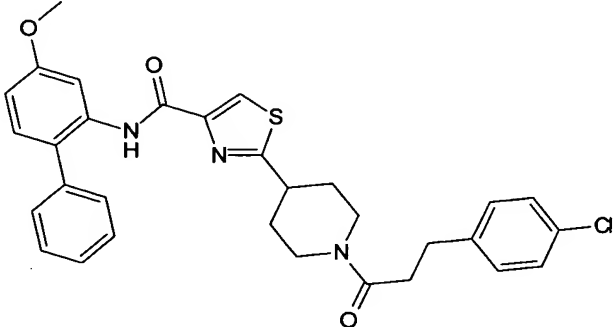
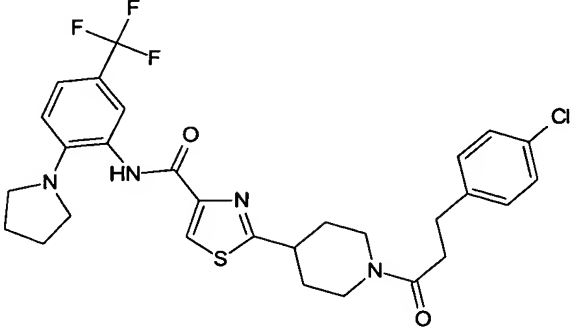
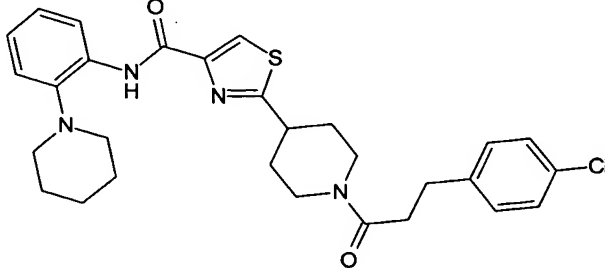
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 573 |  <chem>COc1ccc(cc1)NC(=O)c2ccsc2C3CCN(CC3)CC(=O)Cc4ccoc4</chem> | |
| 574 |  <chem>Cc1cc2nc(C)nn2c1NC(=O)c3ccsc3C4CCN(CC4)CC(=O)Cc5ccoc5</chem> | |
| 575 |  <chem>FC(F)(F)c1ccc(cc1N2CCCC2)NC(=O)c3ccsc3C4CCN(CC4)CC(=O)Cc5ccoc5</chem> | |
| 576 |  <chem>c1ccccc1NC(=O)c2ccsc2C3CCN(CC3)CC(=O)Cc4ccoc4</chem> | |

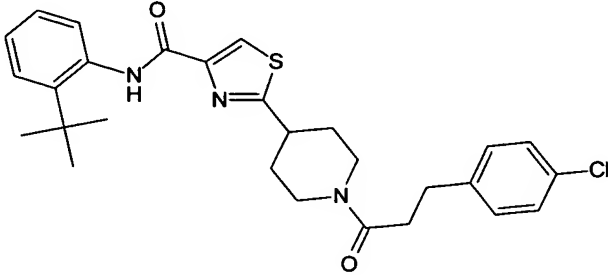
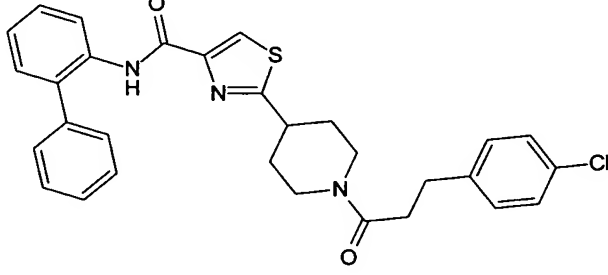
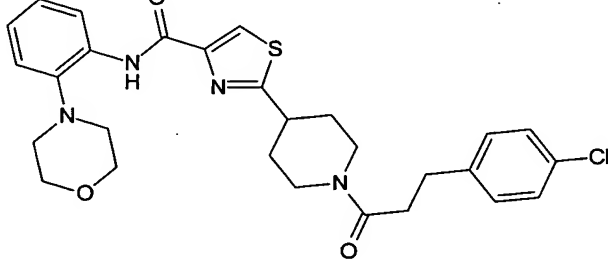
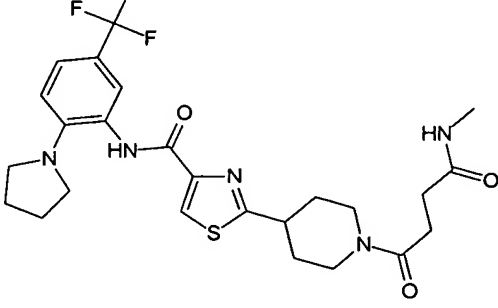
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 577 |  | |
| 578 |  | |
| 579 |  <p data-bbox="310 1507 1206 1570">N-(4-methoxybiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

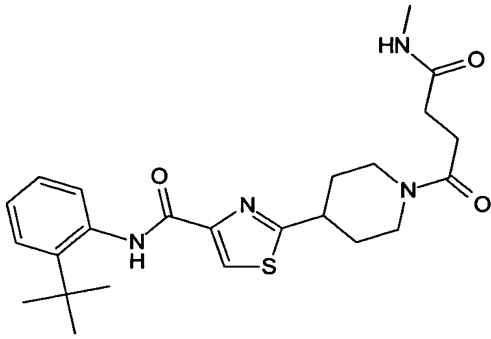
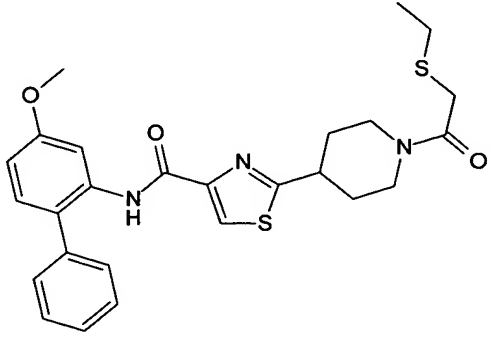
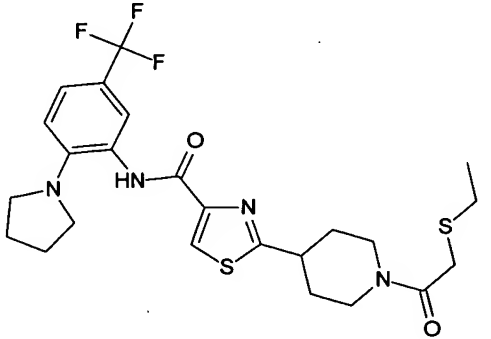
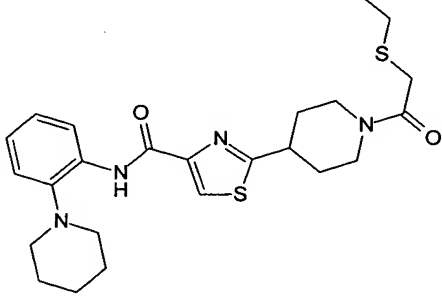
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 580 |  <p>2-(1-pent-2-ynoylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 581 |  <p>N-(2-tert-butylphenyl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 582 |  <p>2-(1-pent-2-ynoylpiperidin-4-yl)-N-(2-methoxyphenyl)-1,3-thiazole-4-carboxamide 4-(4-chlorophenoxy)</p> | |

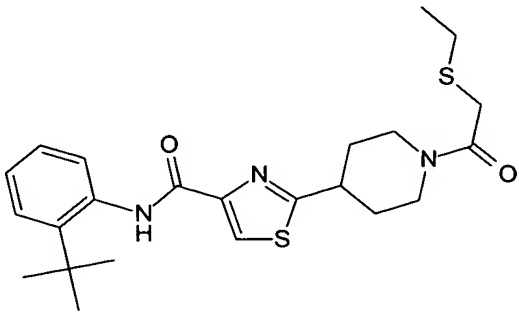
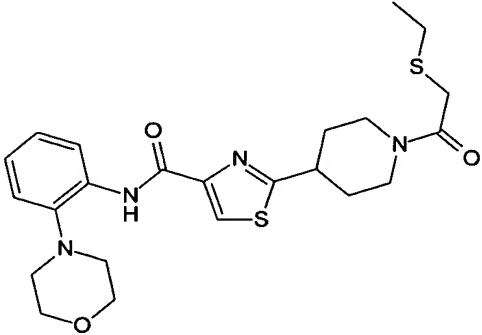
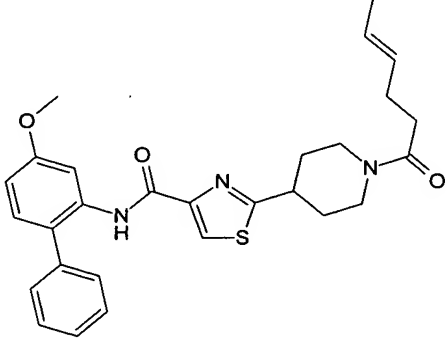
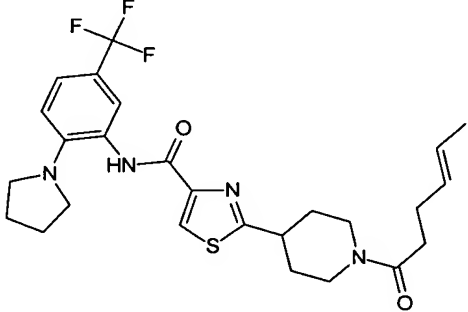
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 583 |  <chem>Clc1ccc(OCC(=O)N2CCCCC2c3nc(C(=O)Nc4cc(C(F)(F)F)ccc4N5CCCC5)s3)cc1</chem> | |
| 584 |  <chem>Clc1ccc(OCC(=O)N2CCCCC2c3nc(C(=O)Nc4cc(C(C)(C)C)ccc4)ss3)cc1</chem> | |
| 585 |  <chem>Clc1ccc(OCC(=O)N2CCCCC2c3nc(C(=O)Nc4ccccc4-c5ccccc5)ss3)cc1</chem> | |
| 586 |  <chem>Clc1ccc(OCC(=O)N2CCCCC2c3nc(C(=O)Nc4ccccc4N5CCOCC5)ss3)cc1</chem> | |

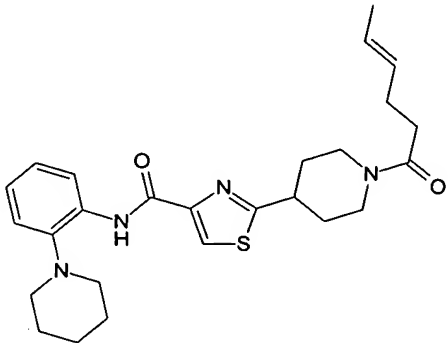
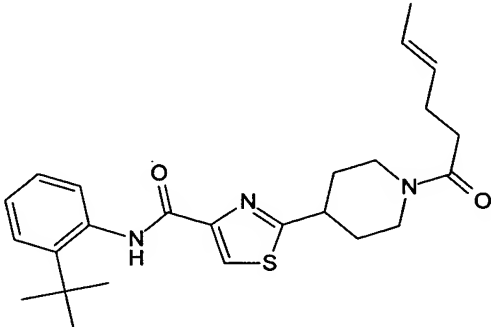
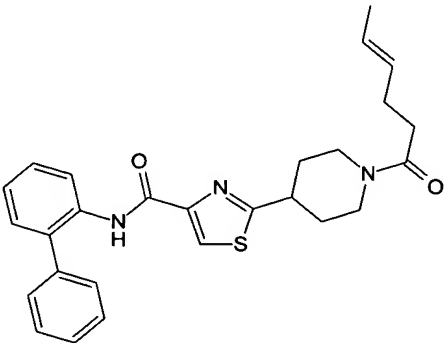
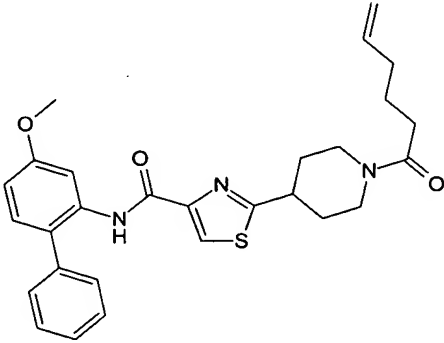
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 587 |  <chem>COc1ccc(cc1)NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccccc4Cl</chem> | |
| 588 |  <chem>FC(F)(F)c1cccc(c1)NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccccc4Cl</chem> | |
| 589 |  <chem>C1CCN(C1)c2ccccc2NC(=O)c3nc(s3)C4CCN(C4)C(=O)CCc5ccccc5Cl</chem> | |
| 590 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccccc4Cl</chem> | |

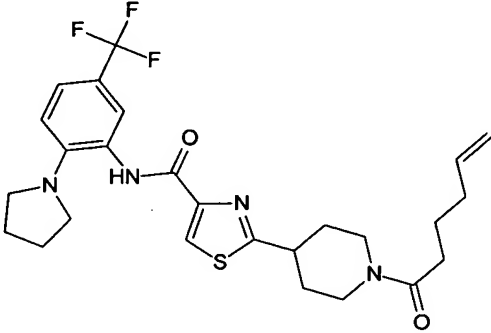
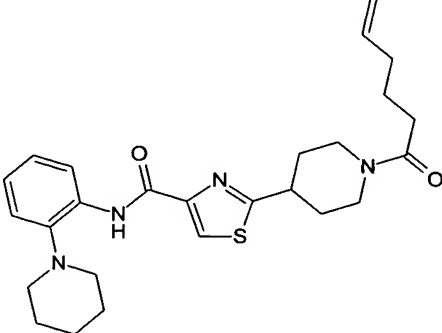
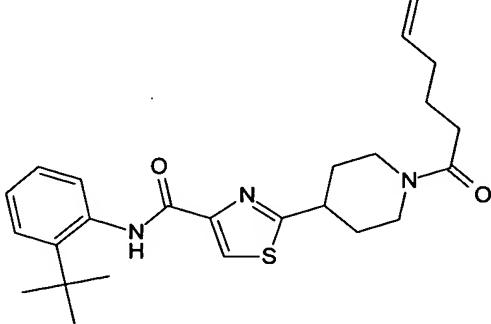
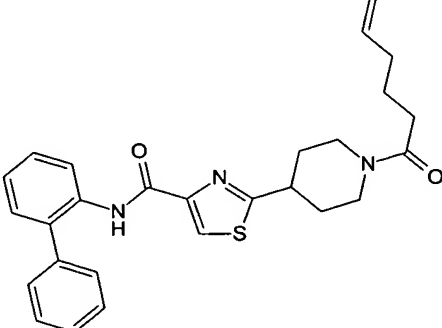
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 591 |  <chem>O=C1NC(=O)C2=CC=CC=C2C3=CC=CC=C3N1C4=CN=C(S4)C5CCN(CC5)C(=O)CCc6ccc(Cl)cc6</chem> | |
| 592 |  <chem>COc1ccc(cc1)C2=CC=CC=C2N1C(=O)C(=O)N1C4=CN=C(S4)C5CCN(CC5)C(=O)CCc6ccc(Cl)cc6</chem> | |
| 593 |  <chem>Clc1ccc(cc1)CC(=O)N2CCN(CC2)C3=CC=CC=C3C4=CN=C(S4)C5C(=O)N(C5)C6=CC=C(C(=C6)C(F)(F)F)N7CCCC7</chem> | |
| 594 |  <chem>Clc1ccc(cc1)CC(=O)N2CCN(CC2)C3=CC=CC=C3C4=CN=C(S4)C5C(=O)N(C5)C6=CC=CC=C6N7CCCCC7</chem> | |

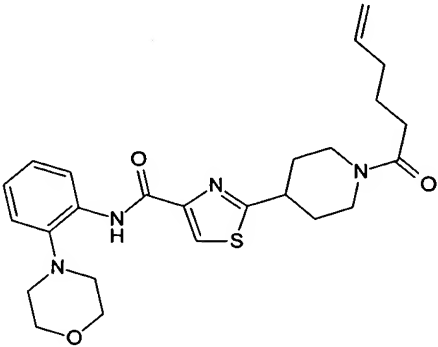
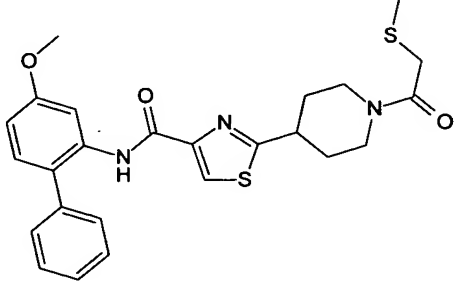
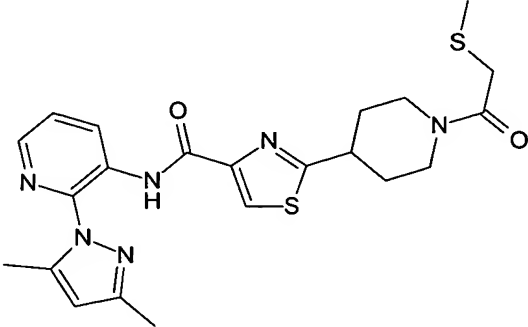
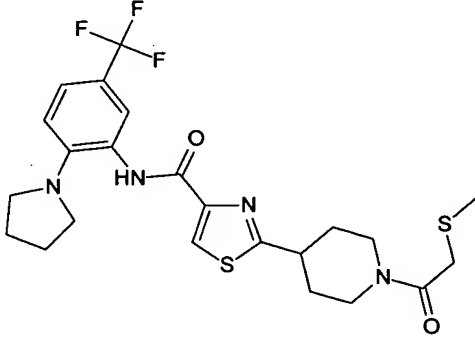
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 595 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(Cl)cc4</chem> | |
| 596 |  <chem>c1ccccc1C(=O)Nc2nc(s2)C3CCN(C3)C(=O)CCc4ccc(Cl)cc4</chem> | |
| 597 |  <chem>C1CCN(C1)C(=O)CCc2ccc(Cl)cc2C3CCN(C3)c4nc(s4)C(=O)Nc5ccc(N6CCOCC6)cc5</chem> | |
| 598 |  <chem>CC(=O)NCC(=O)N1CCN(C1)c2cc(s2)C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4</chem> | |

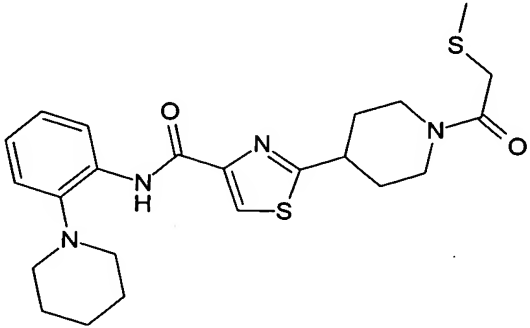
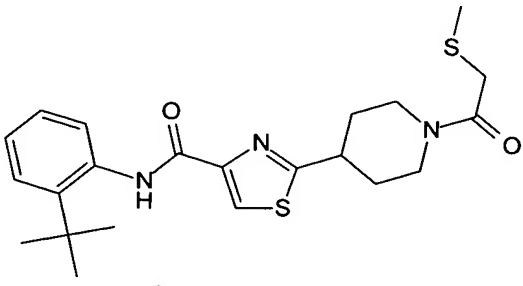
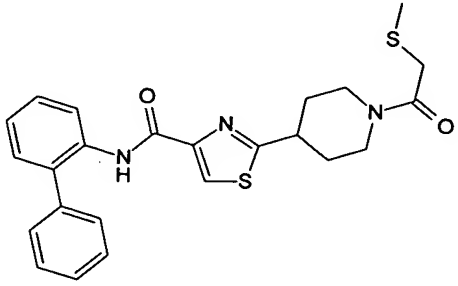
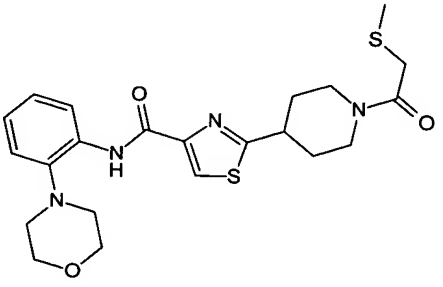
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 599 |  | |
| 600 |  | |
| 601 |  | |
| 602 |  | |

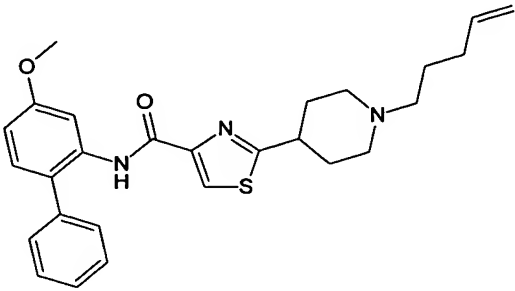
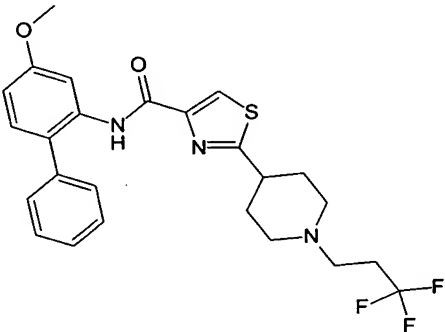
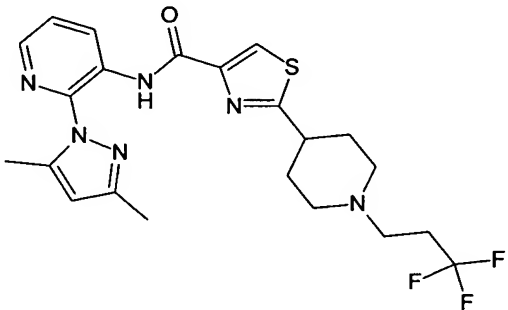
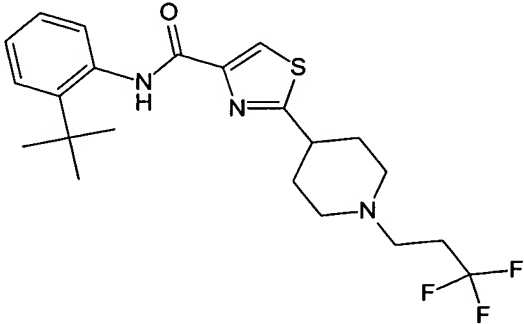
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 603 |  <chem>CCSCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3C(C)(C)C)s2</chem> | |
| 604 |  <chem>CCSCC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(cc3N4CCOCC4))s2</chem> | |
| 605 |  <chem>CC=CC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(OC)cc(cc3-c4ccccc4)N5C=CC=C5)s2</chem> | |
| 606 |  <chem>CC=CC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)s2</chem> | |

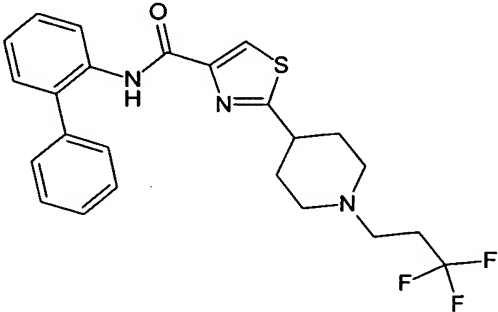
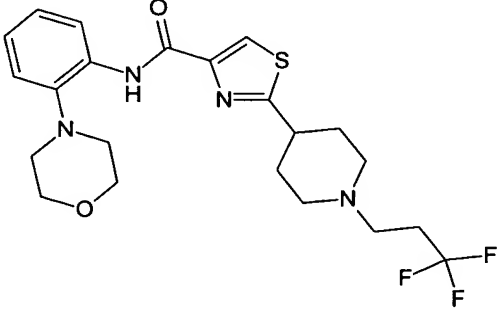
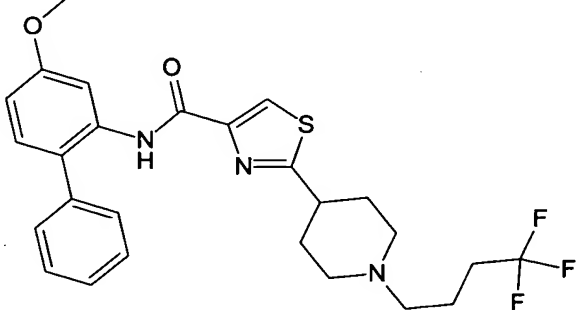
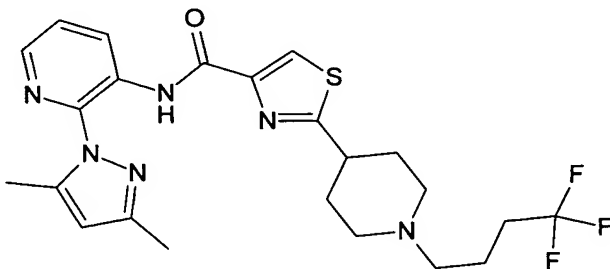
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
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| 610 |  | |

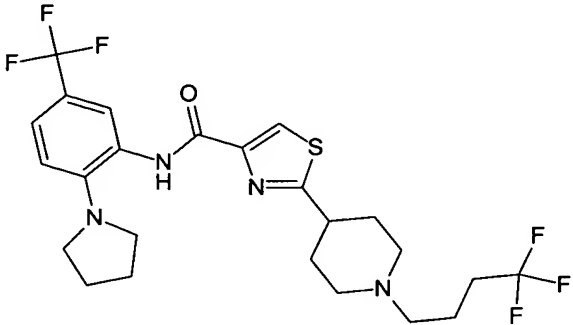
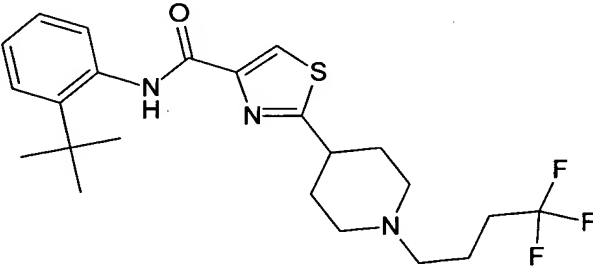
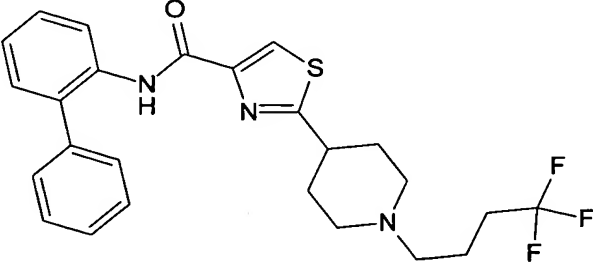
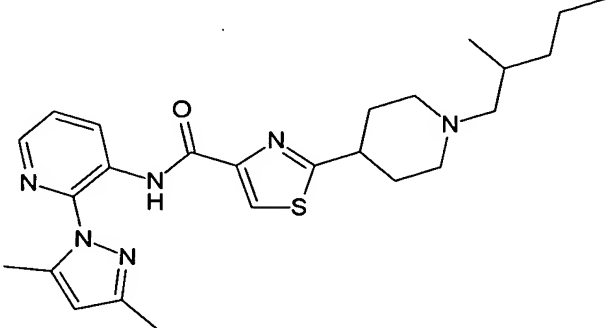
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 611 |  <chem>CCOC(=O)N1CC[C@H](c2sc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)n2)CC1</chem> | |
| 612 |  <chem>CCOC(=O)N1CC[C@H](c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2)CC1</chem> | |
| 613 |  <chem>CCOC(=O)N1CC[C@H](c2sc(C(=O)Nc3ccc(cc3C(C)(C)C)n4ccccc44)n2)CC1</chem> | |
| 614 |  <chem>CCOC(=O)N1CC[C@H](c2sc(C(=O)Nc3ccccc3-c4ccccc44)n2)CC1</chem> | |

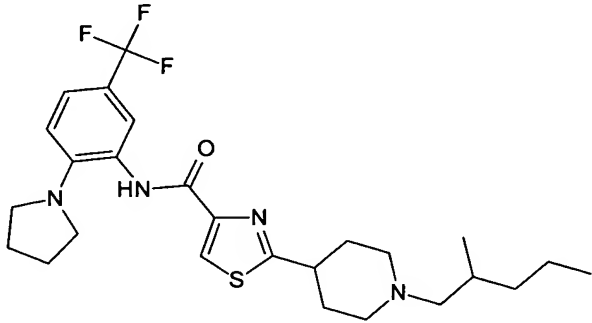
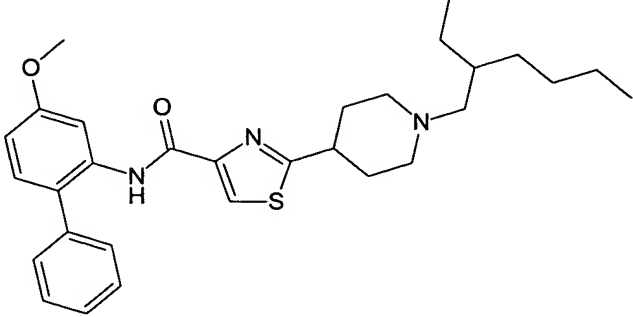
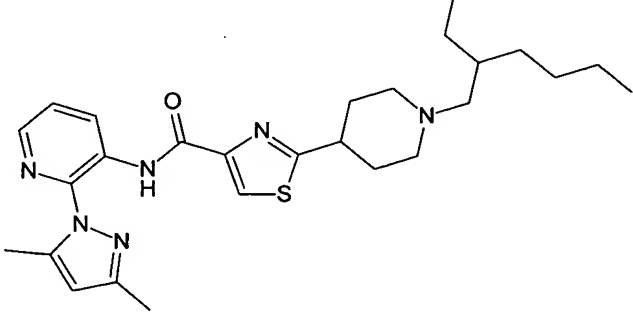
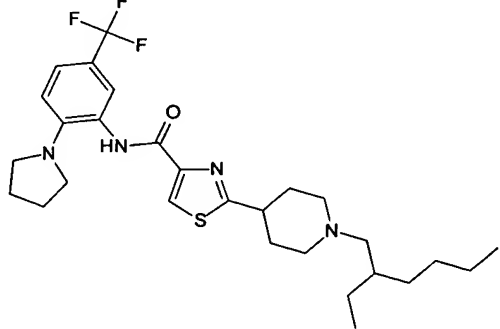
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 615 |  <chem>C=CCCC(=O)N1CCN(C1)c2sc(Cc3cc[nH]3C(=O)Nc4ccccc4N5CCOCC5)c2</chem> | |
| 616 |  <chem>CSCC(=O)N1CCN(C1)c2sc(Cc3cc[nH]3C(=O)Nc4cc(OC)ccc4-c5ccccc5)c2</chem> | |
| 617 |  <chem>CSCC(=O)N1CCN(C1)c2sc(Cc3cc[nH]3C(=O)Nc4ccncc4-c5cc(C)cnn5)c2</chem> | |
| 618 |  <chem>CSCC(=O)N1CCN(C1)c2sc(Cc3cc[nH]3C(=O)Nc4cc(C(F)(F)F)ccc4N5CCCC5)c2</chem> | |

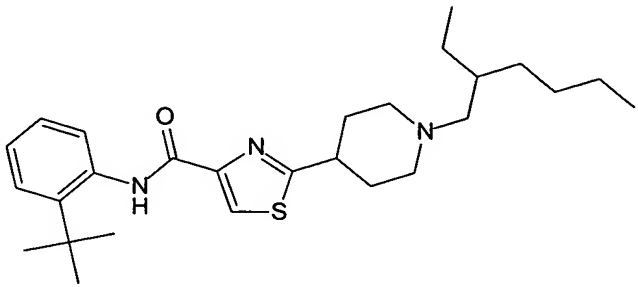
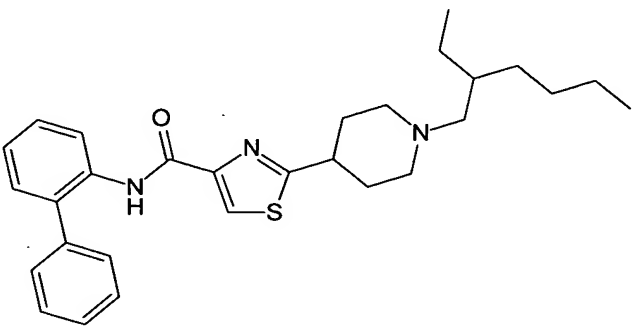
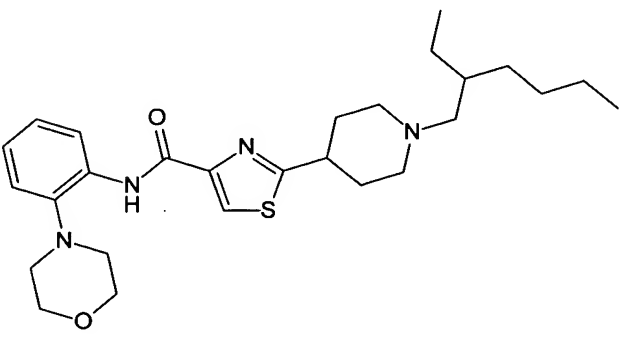
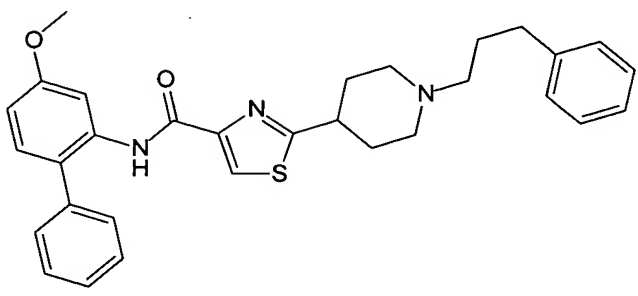
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 619 |  <chem>CCSCC(=O)N1CCCC1c2nc(C(=O)Nc3ccccc3N4CCCCC4)s2</chem> | |
| 620 |  <chem>CCSCC(=O)N1CCCC1c2nc(C(=O)Nc3ccc(cc3)C(C)(C)C)s2</chem> | |
| 621 |  <chem>CCSCC(=O)N1CCCC1c2nc(C(=O)Nc3ccccc3-c4ccccc4)s2</chem> | |
| 622 |  <chem>CCSCC(=O)N1CCCC1c2nc(C(=O)Nc3ccc(cc3)N4CCOCC4)s2</chem> | |

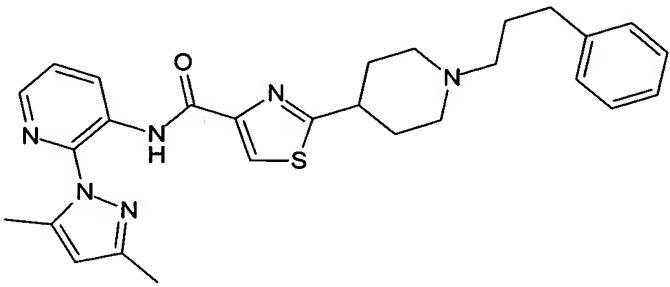
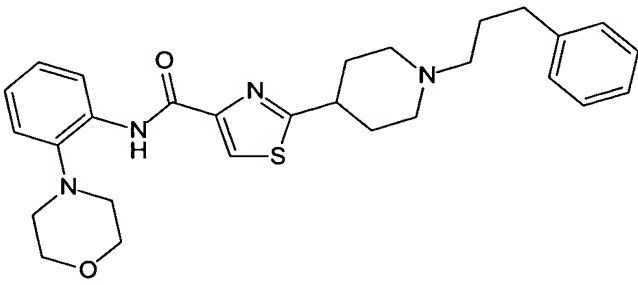
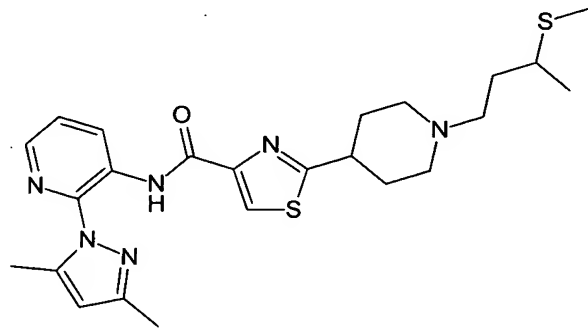
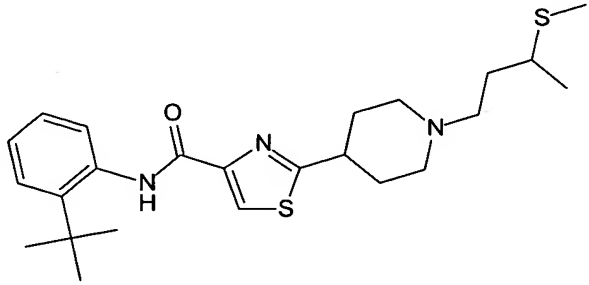
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 623 |  | |
| 624 |  | |
| 625 |  | |
| 626 |  | |

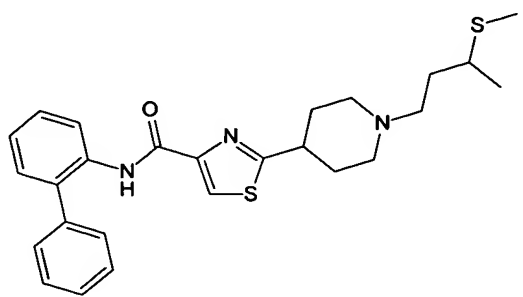
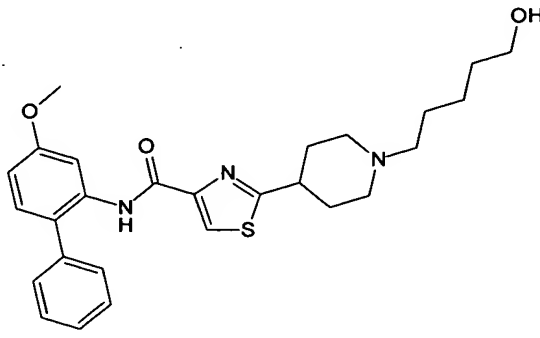
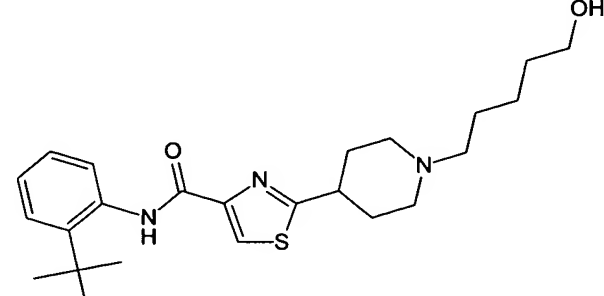
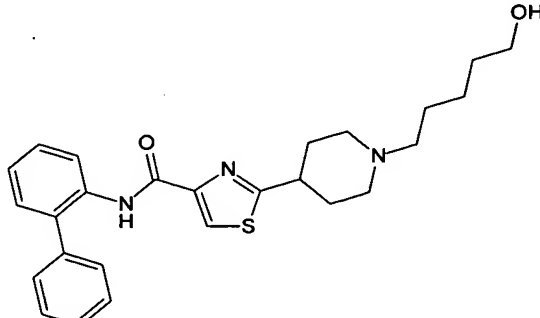
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 627 |  <chem>O=C(Nc1ccccc1-c2ccccc2)c3nc(cc3S)C4CCN(CC4)CCF(F)F</chem> | |
| 628 |  <chem>O=C(Nc1ccccc1N2CCOCC2)c3nc(cc3S)C4CCN(CC4)CCF(F)F</chem> | |
| 629 |  <chem>COc1ccc(cc1)Nc2cc3nc(cc3S2)C4CCN(CC4)CCF(F)F</chem> | |
| 630 |  <chem>Cc1cc2nc3ccncc3n2c1Nc4cc5nc(cc5S4)C6CCN(CC6)CCF(F)F</chem> | |

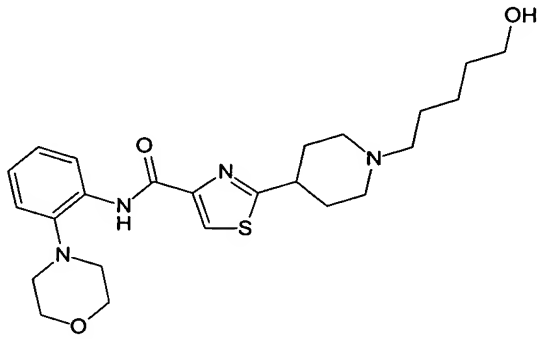
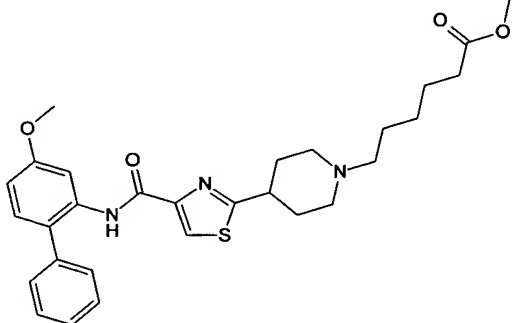
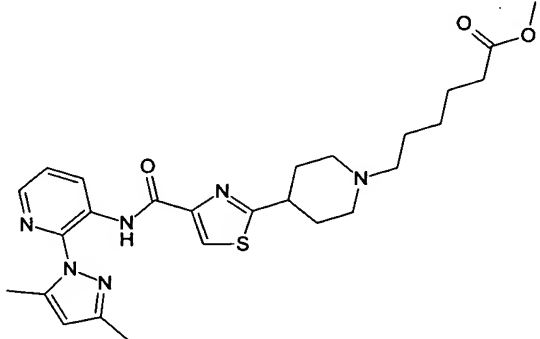
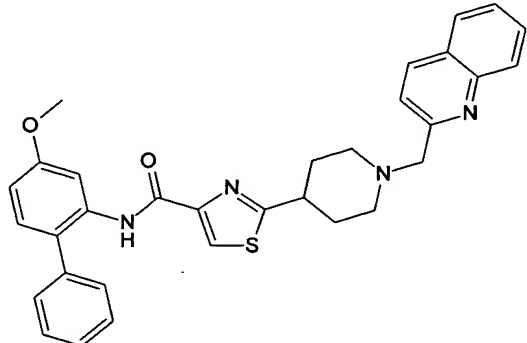
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 631 |  <chem>FC(F)(F)c1ccc(NC(=O)c2nc(s2)C3CCN(CC3)CCCC(F)(F)F)cc1</chem> | |
| 632 |  <chem>CC(C)(C)c1ccc(NC(=O)c2nc(s2)C3CCN(CC3)CCCC(F)(F)F)cc1</chem> | |
| 633 |  <chem>c1ccc(cc1)-c2ccccc2Nc3cc(s3)C4CCN(CC4)CCCC(F)(F)F</chem> | |
| 634 |  <chem>CC1=CN2C(=CN1)c3ccncc3N2C(=O)c4cc(s4)C5CCN(CC5)CC(C)CC</chem> | |

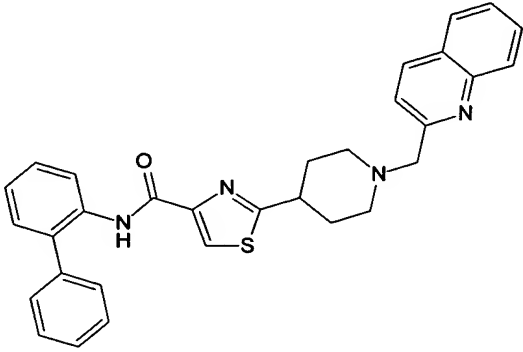
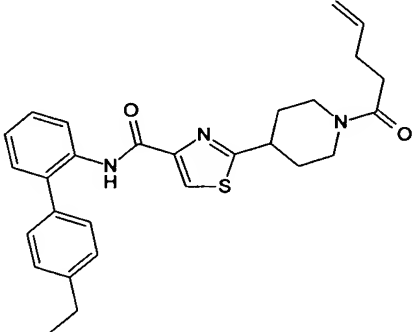
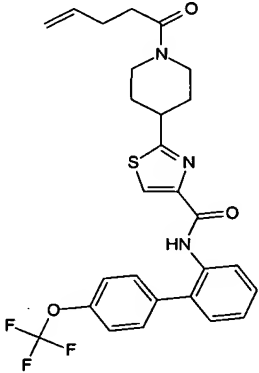
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 635 |  <chem>CCCC(C)CN1CCCCC1c2nc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)c3sc3</chem> | |
| 636 |  <chem>CCCC(C)CN1CCCCC1c2nc(C(=O)Nc3cc(OC)cc3Cc4ccccc4)c3sc3</chem> | |
| 637 |  <chem>CCCC(C)CN1CCCCC1c2nc(C(=O)Nc3ccn(c3N4C=CN4C)c5ccncc5)c3sc3</chem> | |
| 638 |  <chem>CCCC(C)CN1CCCCC1c2nc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)c3sc3</chem> | |

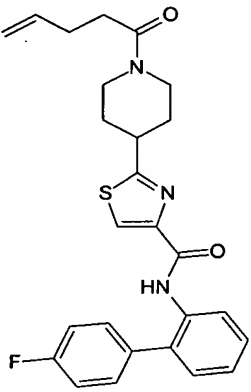
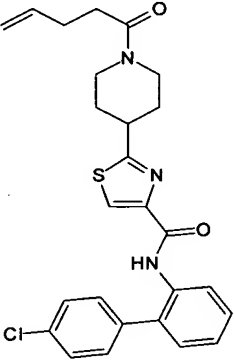
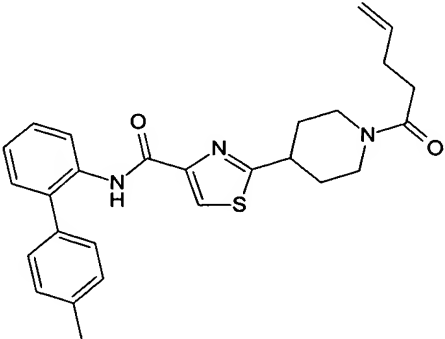
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 639 |  <chem>CCCCC(CC)CN1CCCCC1c2sc(C(=O)Nc3ccccc3C(C)(C)C)n2</chem> | |
| 640 |  <chem>CCCCC(CC)CN1CCCCC1c2sc(C(=O)Nc3ccccc3-c4ccccc4)n2</chem> | |
| 641 |  <chem>CCCCC(CC)CN1CCCCC1c2sc(C(=O)Nc3ccc(N4CCOCC4)cc3)n2</chem> | |
| 642 |  <chem>CCCCC(CC)N1CCCCC1c2sc(C(=O)Nc3cc(OC)ccc3-c4ccccc4)n2</chem> | |

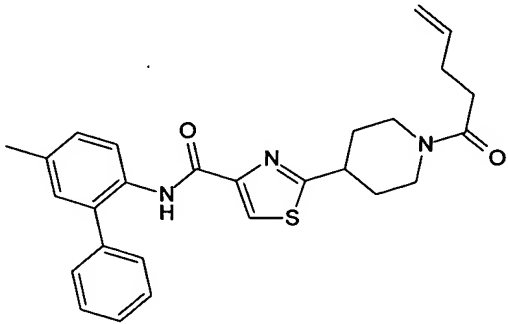
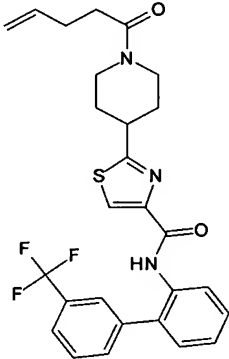
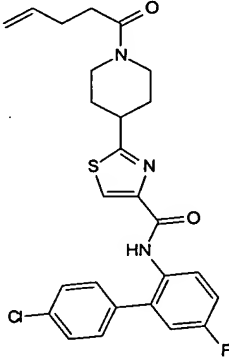
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
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| 644 |  | |
| 645 |  | |
| 646 |  | |

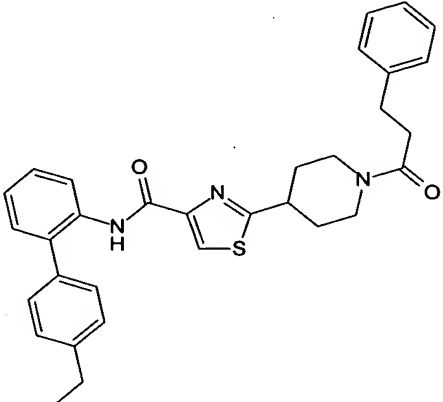
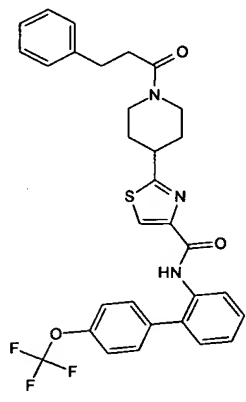
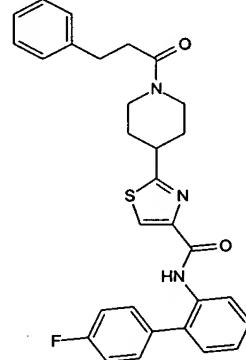
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 647 |  <chem>CC(C)SCCN1CCN(CC1)c2sc(C(=O)Nc3ccccc3c4ccccc42)c5nccs5</chem> | |
| 648 |  <chem>COc1ccc(cc1C2=CC=CC=C2C(=O)NNC3=CC=CC=C33)c4nccs4C5CCN(CCCO)CC5</chem> | |
| 649 |  <chem>CC(C)(C)c1ccc(cc1C2=CC=CC=C2C(=O)NNC3=CC=CC=C33)c4nccs4C5CCN(CCCO)CC5</chem> | |
| 650 |  <chem>OCCCN1CCN(CC1)c2sc(C(=O)Nc3ccccc3c4ccccc42)c5nccs5</chem> | |

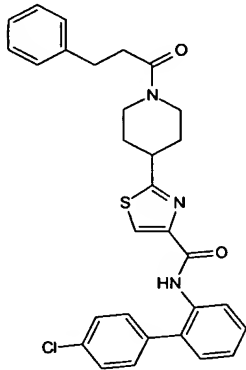
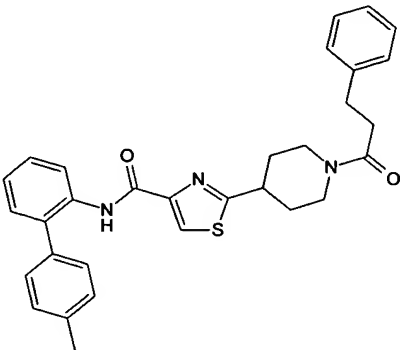
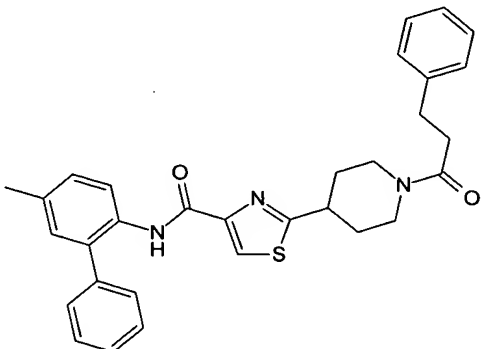
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 651 |  <chem>COc1ccc(cc1N2CCOCC2)C(=O)Nc3ccsc3C4CCN(CCCO)CC4</chem> | |
| 652 |  <chem>COc1ccc(cc1C(=O)Nc2ccsc2C3CCN(CCC(=O)OC)CC3)c4ccccc4</chem> | |
| 653 |  <chem>COc1ccc(cc1C(=O)Nc2ccsc2C3CCN(CCC(=O)OC)CC3)c4ccccc4</chem> | |
| 654 |  <chem>COc1ccc(cc1C(=O)Nc2ccsc2C3CCN(Cc4ccc5ccccc5n4)CC3)c4ccccc4</chem> | |

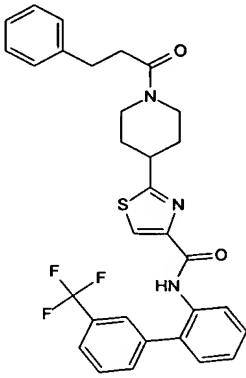
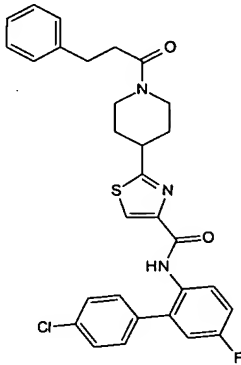
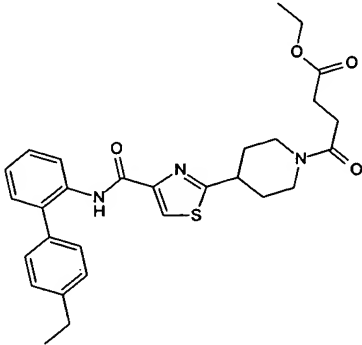
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 655 |  | |
| 656 |  | |
| 657 |  <p data-bbox="310 1522 1193 1577">2-(1-(4-(4-(trifluoromethoxy)phenyl)-2-phenylphenyl)thiazol-5-yl)-N-(4-penten-1-yl)piperidin-4-carboxamide</p> | |

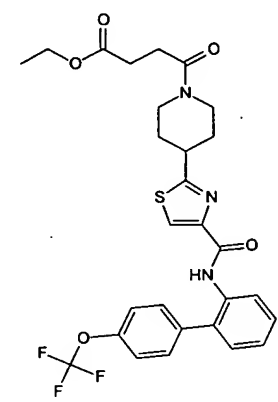
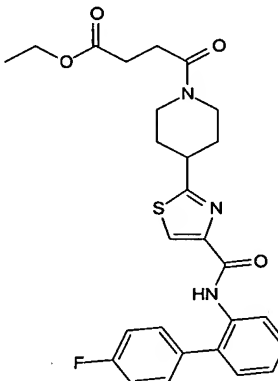
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 658 |  <p data-bbox="310 772 1179 831">N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-4-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 659 |  <p data-bbox="310 1260 1179 1318">N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-4-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 660 |  | |

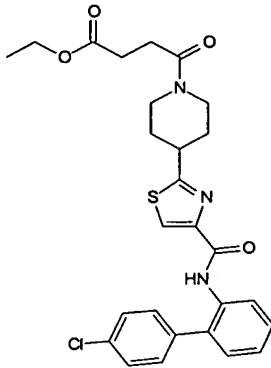
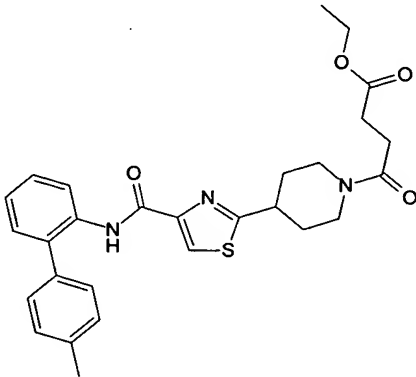
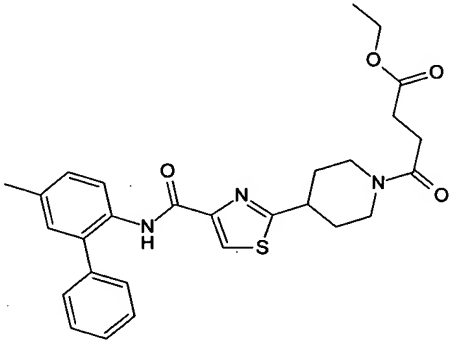
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 661 |  | |
| 662 |  <p data-bbox="310 1140 1170 1199">2-(1-pent-4-enoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 663 |  <p data-bbox="310 1629 1159 1688">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-4-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

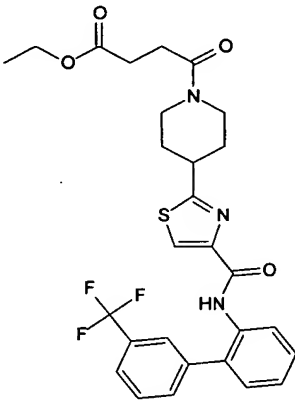
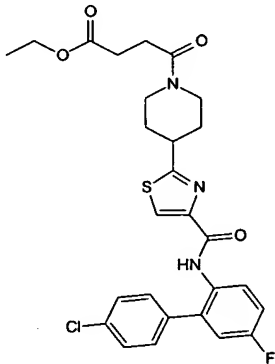
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 664 |  | |
| 665 |  <p data-bbox="310 1213 1198 1276">2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 666 |  <p data-bbox="310 1738 1140 1791">N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

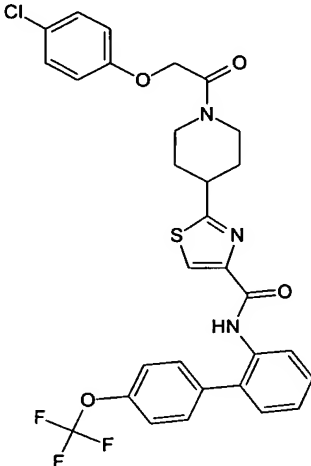
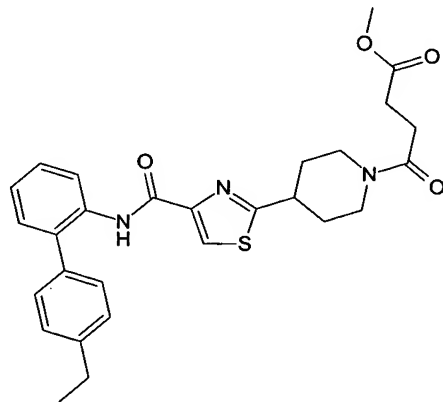
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 667 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 668 |  | |
| 669 |  | |

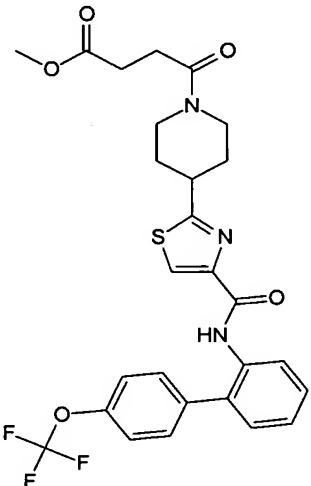
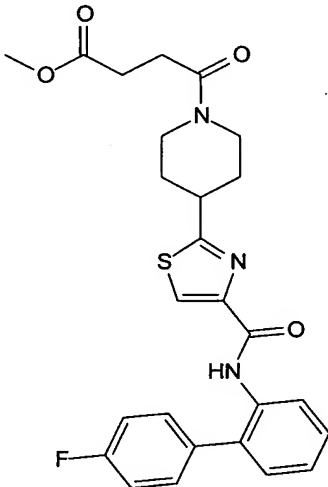
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 670 |  <p data-bbox="310 751 1218 814">2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 671 |  <p data-bbox="310 1241 1218 1304">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 672 |  <p data-bbox="310 1717 1218 1780">ethyl 4-[4-(4-[(4'-ethylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]-4-oxobutanoate</p> | |

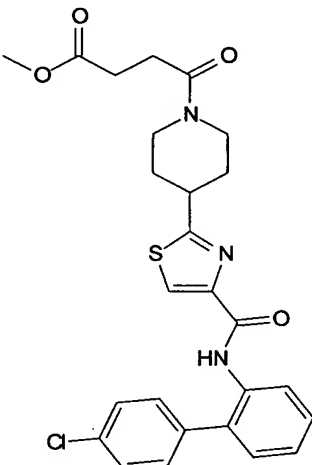
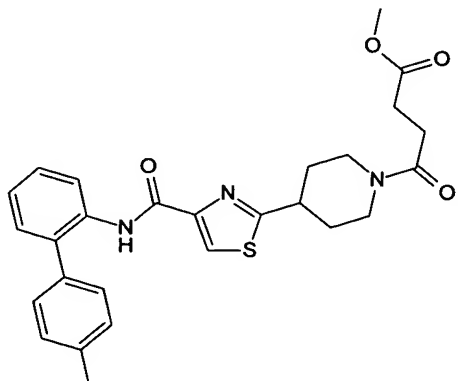
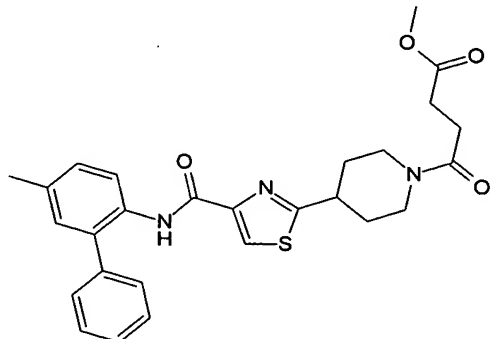
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 673 |  <p>ethyl 4-oxo-4-{4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p> | |
| 674 |  <p>ethyl 4-[4-(4-{{(4'-fluorobiphenyl-2-yl)amino}carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]-4-oxobutanoate</p> | |

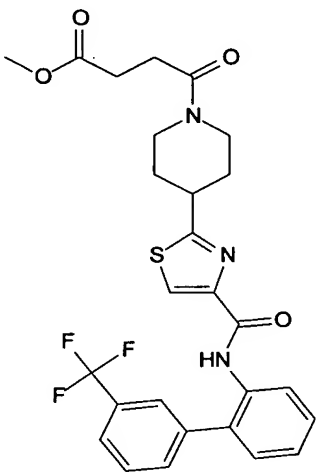
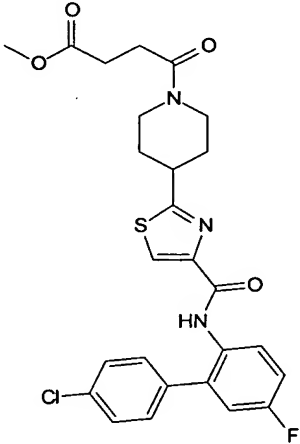
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 675 |  <p>ethyl 4-[4-(4-[(4'-chlorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]-4-oxobutanoate</p> | |
| 676 |  <p>ethyl 4-[4-(4-[(4'-methylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]-4-oxobutanoate</p> | |
| 677 |  <p>ethyl 4-[4-(4-[(4'-methylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]-4-oxobutanoate</p> | |

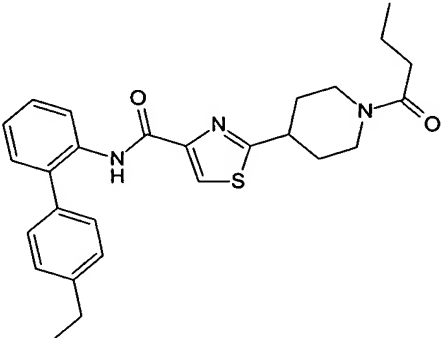
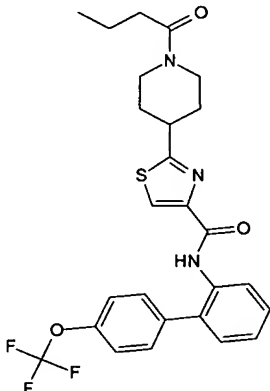
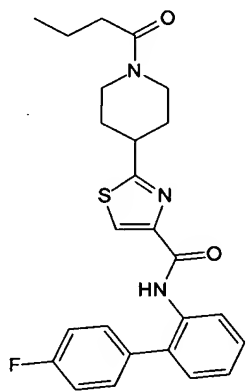
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 678 |  <p>ethyl 4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p> | |
| 679 |  <p>ethyl 4-[4-(4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]-4-oxobutanoate</p> | |

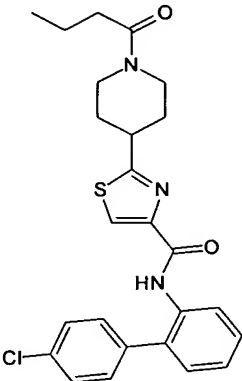
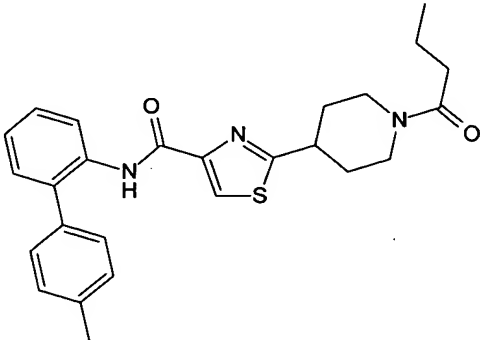
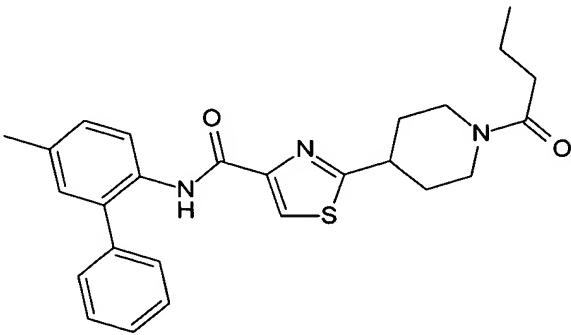
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 680 |  <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 681 |  | |

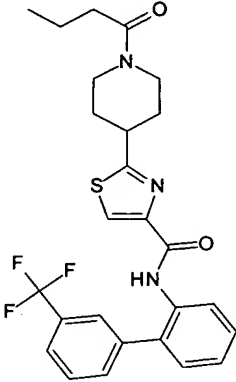
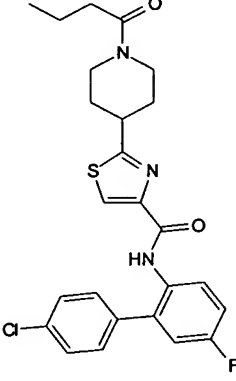
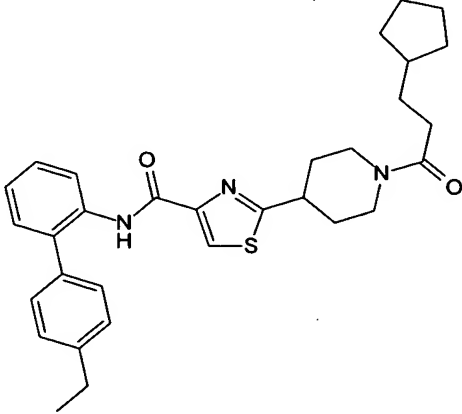
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|-----|--|-------------|
| 682 |  <p data-bbox="308 871 1209 934">methyl 4-oxo-4-{4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p> | |
| 683 |  <p data-bbox="308 1522 1177 1585">methyl 4-[4-(4-[[4'-(4-fluorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]-4-oxobutanoate</p> | |

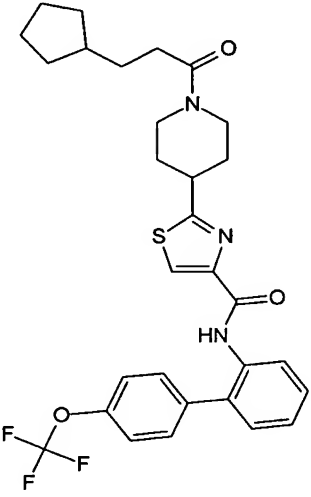
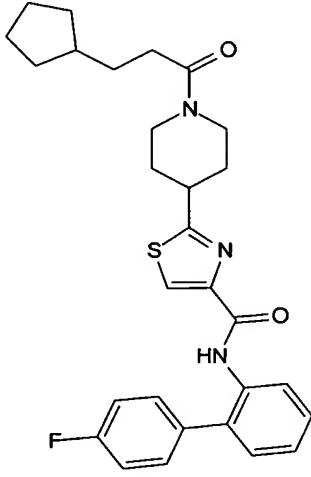
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|-----|---|-------------|
| 684 |  <p data-bbox="316 850 1185 913">methyl 4-[4-(4-[[[4'-chlorobiphenyl-2-yl]amino]carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]-4-oxobutanoate</p> | |
| 685 |  | |
| 686 |  | |

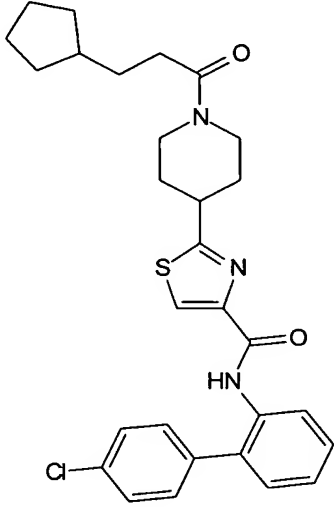
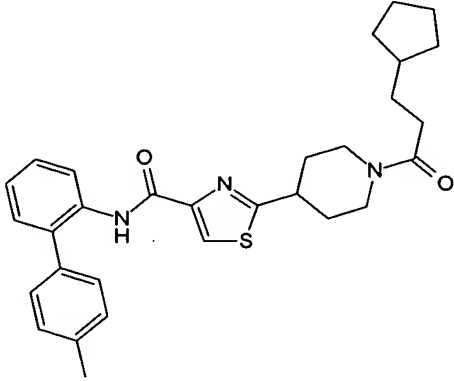
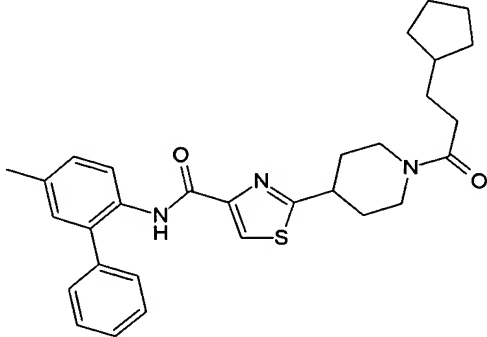
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|-----|--|-------------|
| 687 |  <p data-bbox="313 863 1230 919">methyl 4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p> | |
| 688 |  <p data-bbox="313 1493 1230 1549">methyl 4-[4-(4-({[4'-chloro-5-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl]-4-oxobutanoate</p> | |

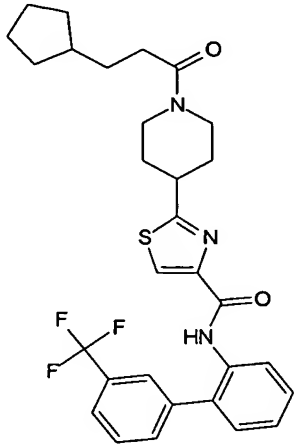
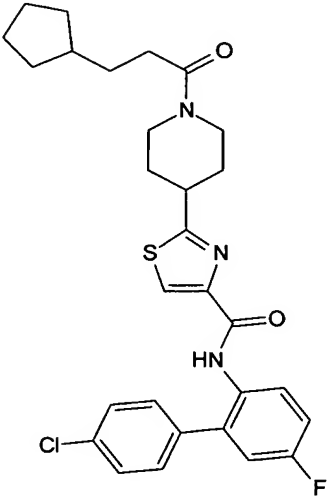
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 689 |  <p>Chemical structure of 2-(1-(4-ethylphenyl)-1H-benzotriazol-4-yl)-N-(4-ethylphenyl)-1,3-thiazole-4-carboxamide. The structure features a central 1,3-thiazole ring substituted at the 2-position with a 1-(4-ethylphenyl)-1H-benzotriazol-4-yl group and at the 4-position with an N-(4-ethylphenyl)carbamoyl group.</p> | |
| 690 |  <p>Chemical structure of 2-(1-butylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide. The structure features a central 1,3-thiazole ring substituted at the 2-position with a 1-butylpiperidin-4-yl group and at the 4-position with an N-[4'-(trifluoromethoxy)biphenyl-2-yl]carbamoyl group.</p> <p>2-(1-butylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 691 |  <p>Chemical structure of 2-(1-butylpiperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide. The structure features a central 1,3-thiazole ring substituted at the 2-position with a 1-butylpiperidin-4-yl group and at the 4-position with an N-(4'-fluorobiphenyl-2-yl)carbamoyl group.</p> <p>2-(1-butylpiperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

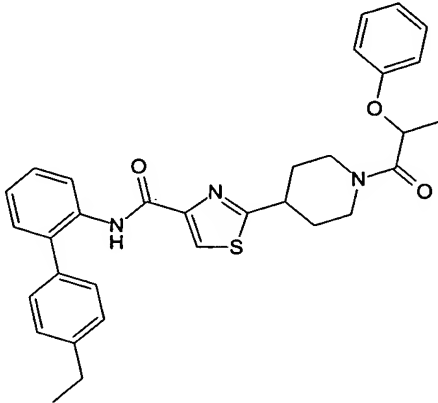
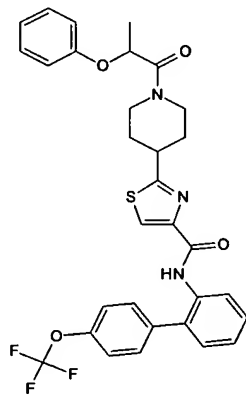
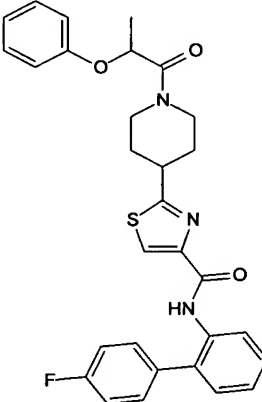
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 692 |  <p>2-(1-butyrylpiperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 693 |  | |
| 694 |  | |

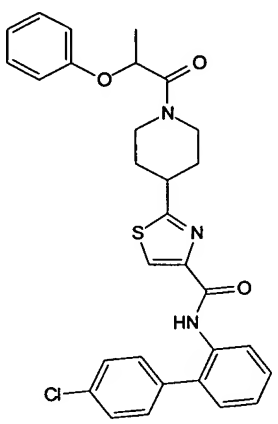
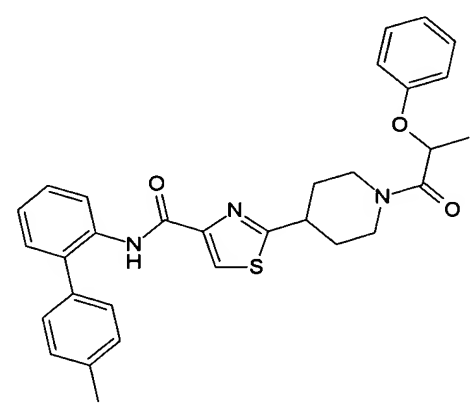
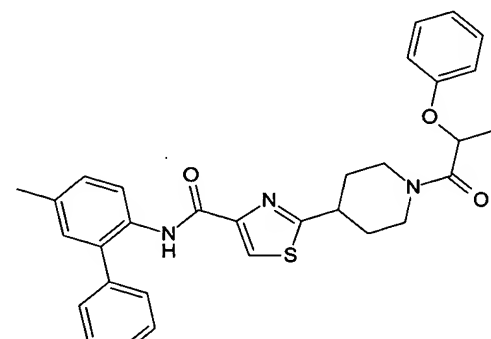
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 695 |  <p data-bbox="310 772 1229 831">2-(1-butylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 696 |  <p data-bbox="310 1283 1229 1341">2-(1-butylpiperidin-4-yl)-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 697 |  | |

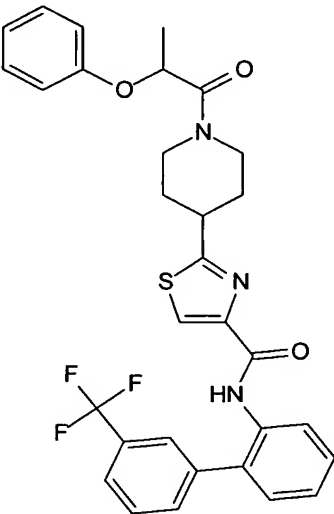
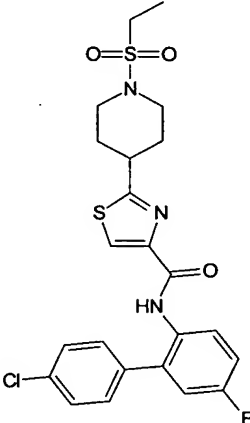
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 698 |  <p data-bbox="308 882 1234 945">2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 699 |  <p data-bbox="308 1533 1234 1596">2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

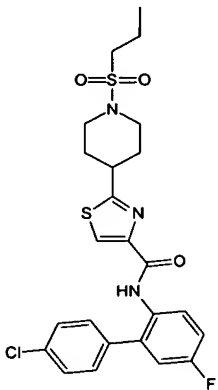
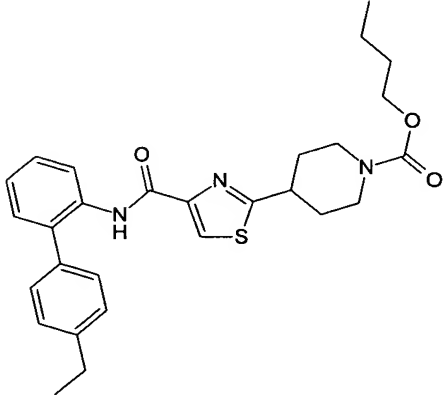
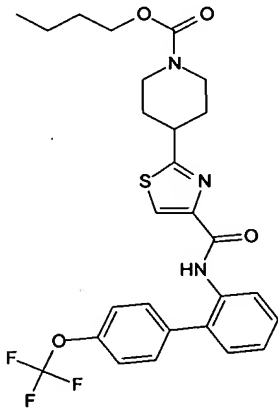
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 700 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 701 |  | |
| 702 |  | |

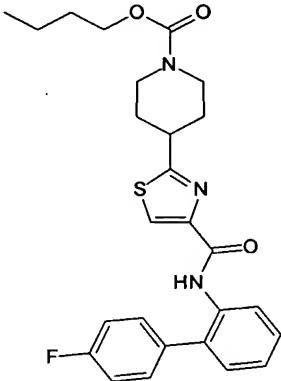
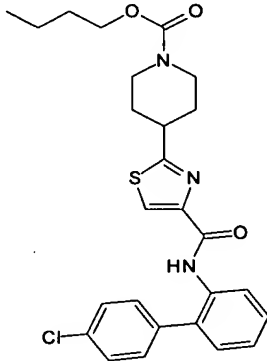
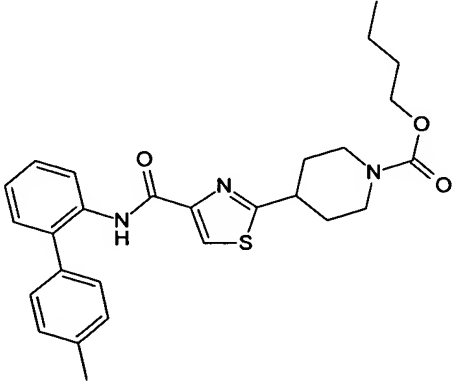
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 703 |  <p>2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 704 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

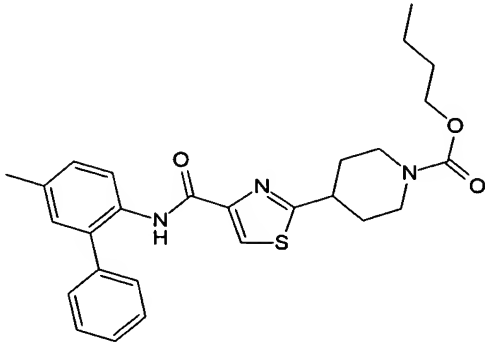
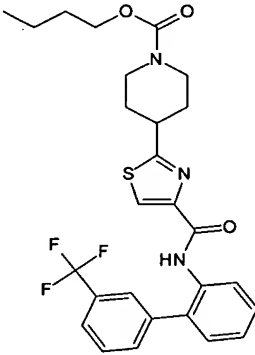
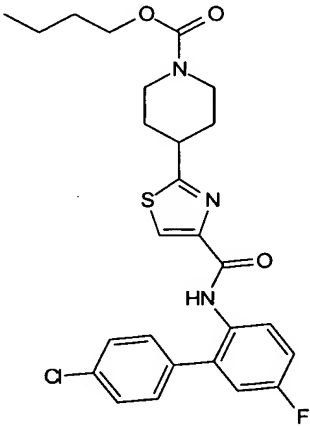
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 705 |  | |
| 706 |  <p data-bbox="311 1266 1226 1325">2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 707 |  <p data-bbox="311 1799 1161 1856">N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

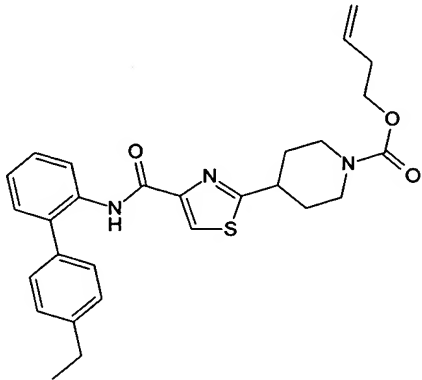
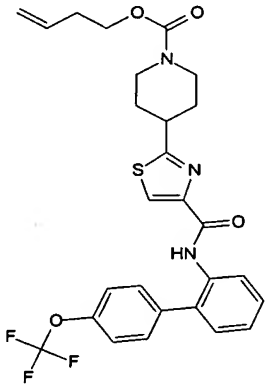
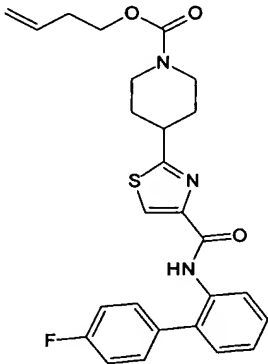
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 708 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 709 |  | |
| 710 |  | |

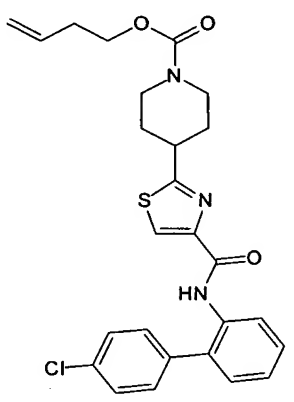
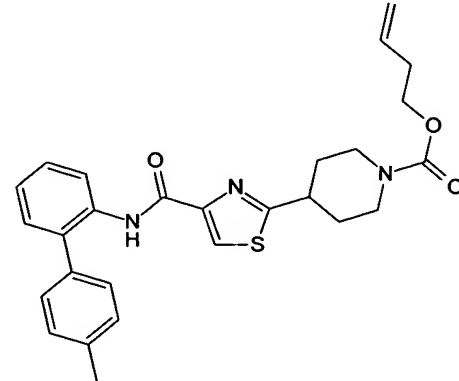
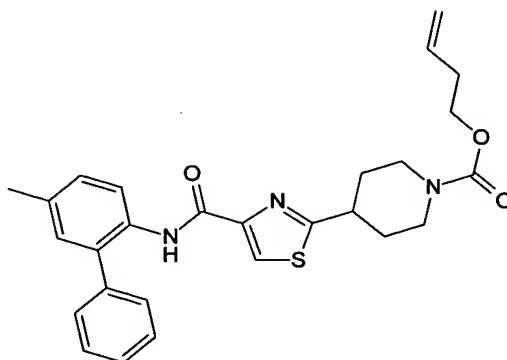
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 711 |  <p>2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 712 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

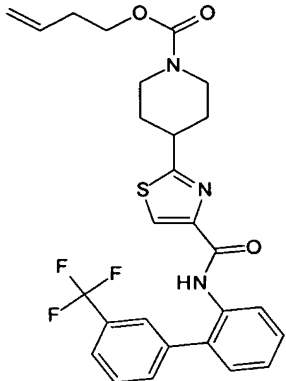
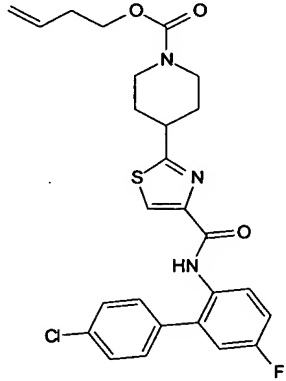
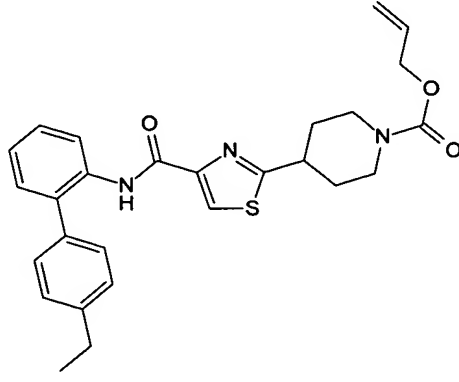
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 713 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 714 |  | |
| 715 |  <p>butyl 4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p> | |

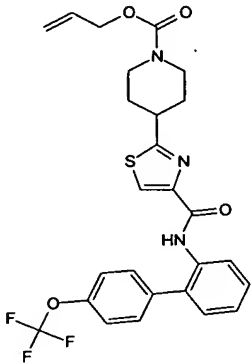
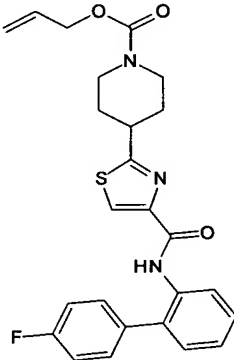
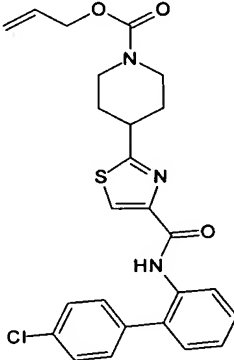
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 716 |  <p>butyl 4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p> | |
| 717 |  <p>butyl 4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p> | |
| 718 |  | |

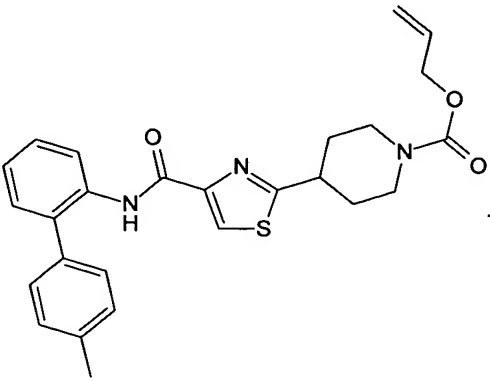
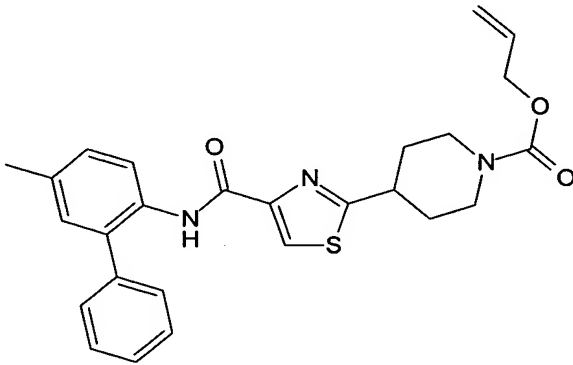
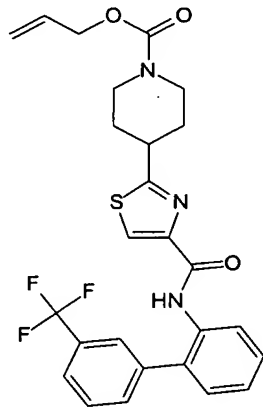
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 719 |  | |
| 720 |  <p>butyl 4-([3'-((trifluoromethyl)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p> | |
| 721 |  <p>butyl 4-([4-([4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidine-1-carboxylate</p> | |

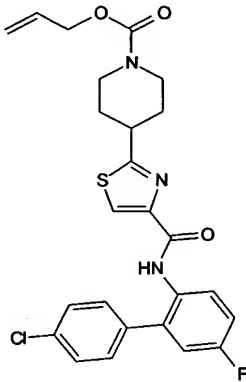
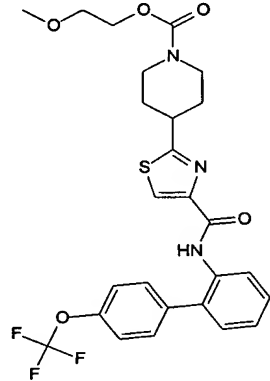
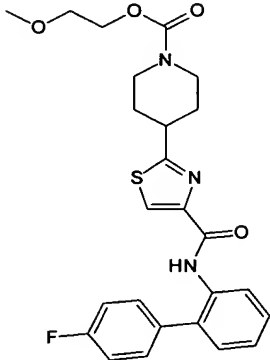
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 722 |  <p>Chemical structure of but-3-en-1-yl 4-([4'-(4-ethylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate. The structure features a piperidine ring with a but-3-en-1-yl ester group at the 1-position and a 1,3-thiazol-2-yl group at the 4-position. The thiazole ring is substituted with a carbonyl group at the 5-position, which is further substituted with a 4'-(4-ethylbiphenyl-2-yl)amino group.</p> <p>but-3-en-1-yl 4-([4'-(4-ethylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate</p> | |
| 723 |  <p>Chemical structure of but-3-en-1-yl 4-([4'-(trifluoromethoxy)biphenyl-2-yl]amino)carbonyl)-1,3-thiazol-2-ylpiperidine-1-carboxylate. The structure features a piperidine ring with a but-3-en-1-yl ester group at the 1-position and a 1,3-thiazol-2-yl group at the 4-position. The thiazole ring is substituted with a carbonyl group at the 5-position, which is further substituted with a 4'-(trifluoromethoxy)biphenyl-2-ylamino group.</p> <p>but-3-en-1-yl 4-([4'-(trifluoromethoxy)biphenyl-2-yl]amino)carbonyl)-1,3-thiazol-2-ylpiperidine-1-carboxylate</p> | |
| 724 |  <p>Chemical structure of but-3-en-1-yl 4-([4'-(4-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate. The structure features a piperidine ring with a but-3-en-1-yl ester group at the 1-position and a 1,3-thiazol-2-yl group at the 4-position. The thiazole ring is substituted with a carbonyl group at the 5-position, which is further substituted with a 4'-(4-fluorobiphenyl-2-yl)amino group.</p> <p>but-3-en-1-yl 4-([4'-(4-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate</p> | |

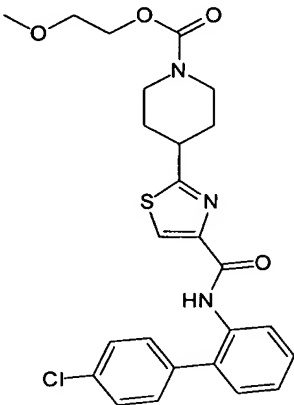
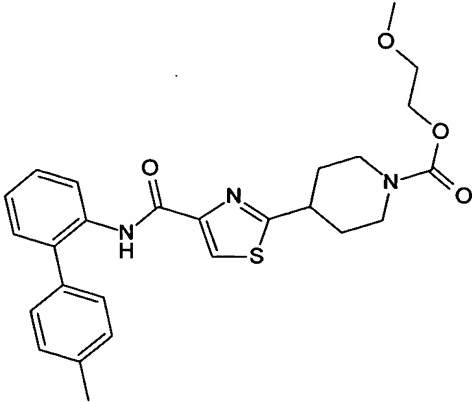
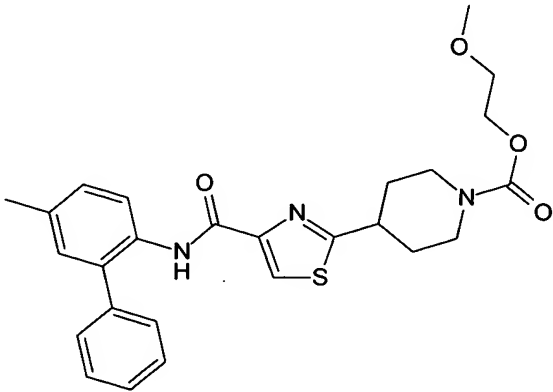
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 725 |  <p>Chemical structure of but-3-en-1-yl 4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate. The structure features a piperidine ring with a but-3-en-1-yl ester group at the 1-position and a 4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl group at the 4-position. The thiazole ring is connected to a carbonyl group, which is further connected to an amino group, which is connected to a biphenyl system with a chlorine atom at the 4' position.</p> <chem>CCCC(=O)O[C@@H]1CCN(CC1)C2=NC=C(S2)C(=O)Nc3ccccc3-c4ccc(Cl)cc4</chem> <p>but-3-en-1-yl 4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate</p> | |
| 726 |  <p>Chemical structure of but-3-en-1-yl 4-(4-((4-methylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate. The structure features a piperidine ring with a but-3-en-1-yl ester group at the 1-position and a 4-(4-((4-methylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl group at the 4-position. The thiazole ring is connected to a carbonyl group, which is further connected to an amino group, which is connected to a biphenyl system with a methyl group at the 4' position.</p> <chem>CCCC(=O)O[C@@H]1CCN(CC1)C2=NC=C(S2)C(=O)Nc3ccccc3-c4ccc(C)cc4</chem> | |
| 727 |  <p>Chemical structure of but-3-en-1-yl 4-(4-((3-methylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate. The structure features a piperidine ring with a but-3-en-1-yl ester group at the 1-position and a 4-(4-((3-methylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl group at the 4-position. The thiazole ring is connected to a carbonyl group, which is further connected to an amino group, which is connected to a biphenyl system with a methyl group at the 3' position.</p> <chem>CCCC(=O)O[C@@H]1CCN(CC1)C2=NC=C(S2)C(=O)Nc3ccccc3-c4ccc(C)cc4</chem> | |

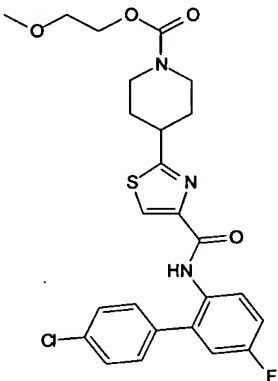
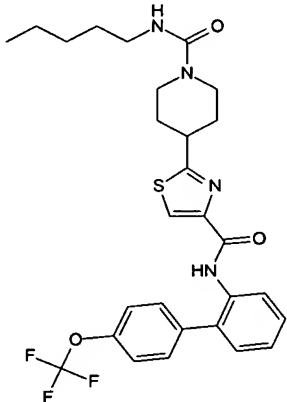
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 728 |  <p>but-3-en-1-yl 4-([3'-(trifluoromethyl)biphenyl-2-yl]amino)carbonyl-1,3-thiazol-2-ylpiperidine-1-carboxylate</p> | |
| 729 |  <p>but-3-en-1-yl 4-([(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-ylpiperidine-1-carboxylate</p> | |
| 730 |  | |

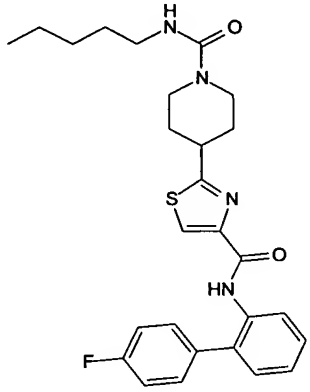
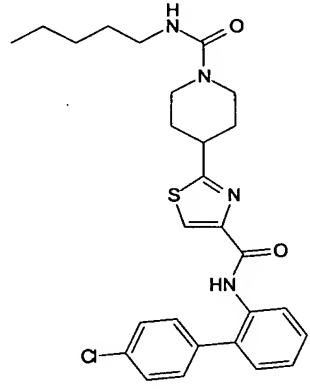
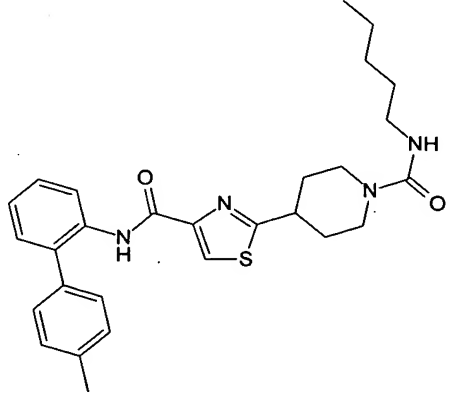
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 731 |  <p>allyl 4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p> | |
| 732 |  <p>allyl 4-(4-({[4'-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p> | |
| 733 |  <p>allyl 4-(4-({[4'-chlorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p> | |

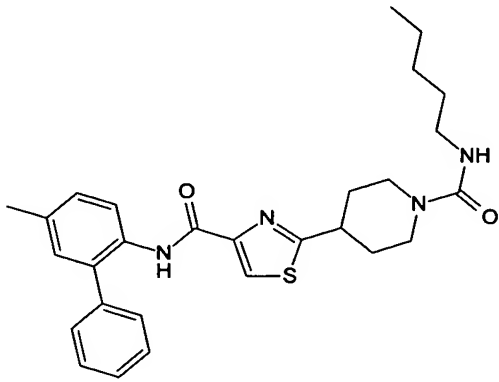
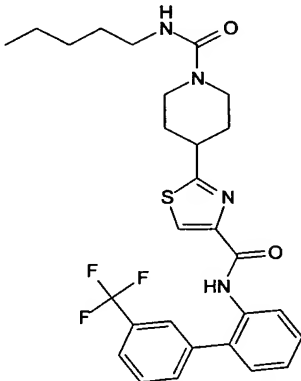
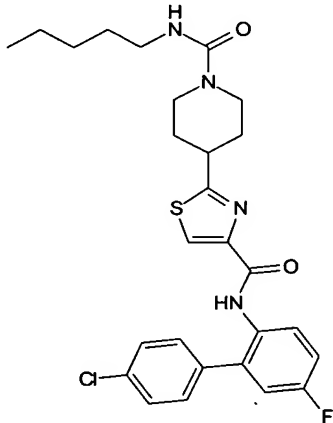
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 734 |  | |
| 735 |  | |
| 736 |  <p data-bbox="316 1638 1193 1701">allyl 4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p> | |

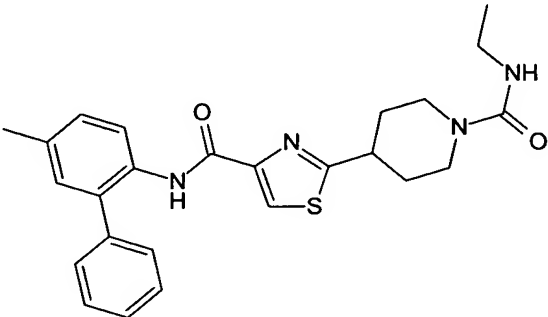
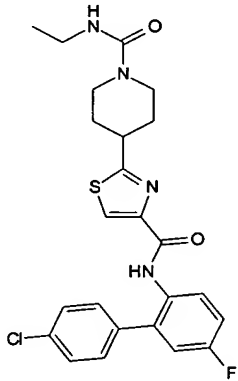
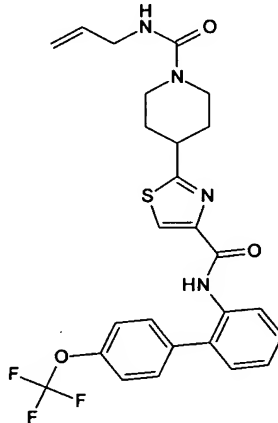
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 737 |  <p>allyl 4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p> | |
| 738 |  <p>2-methoxyethyl 4-(4-((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p> | |
| 739 |  <p>2-methoxyethyl 4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p> | |

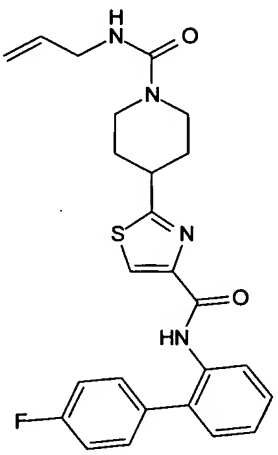
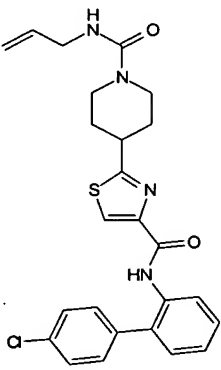
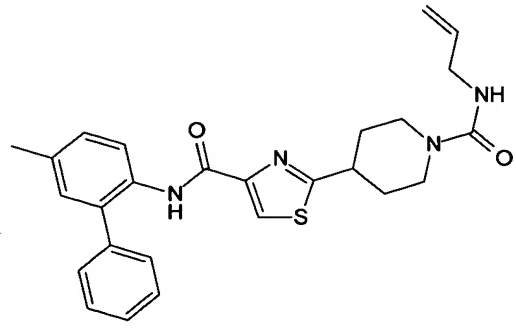
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 740 |  <p>2-methoxyethyl 4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p> | |
| 741 |  | |
| 742 |  | |

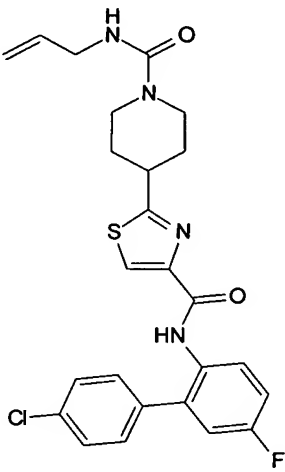
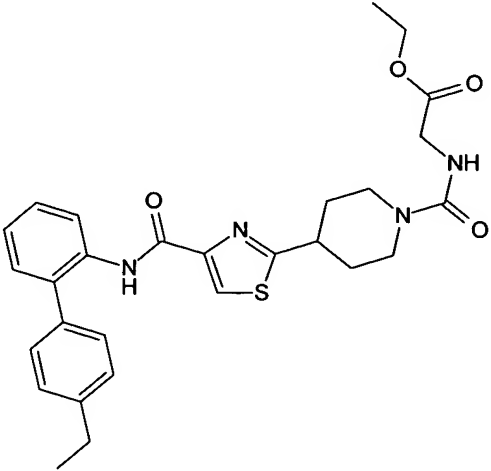
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 743 |  <p>2-methoxyethyl 4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p> | |
| 744 |  <p>N-pentyl-4-[4-((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxamide</p> | |

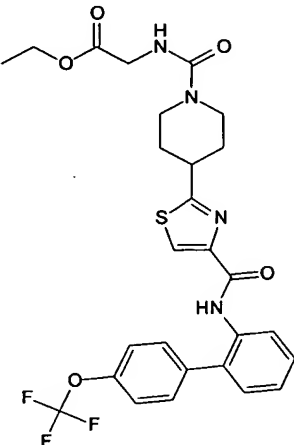
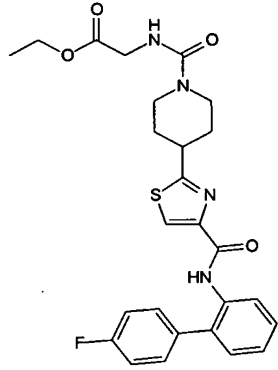
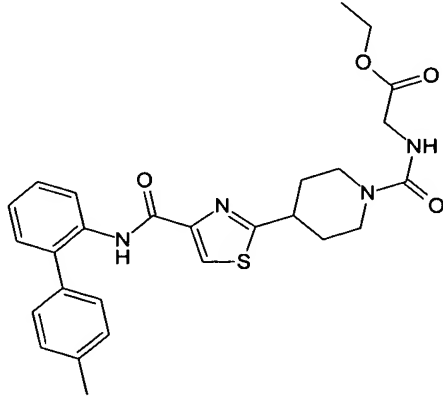
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 745 |  <p>4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-N-pentyl-piperidine-1-carboxamide</p> | |
| 746 |  <p>4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-N-pentyl-piperidine-1-carboxamide</p> | |
| 747 |  | |

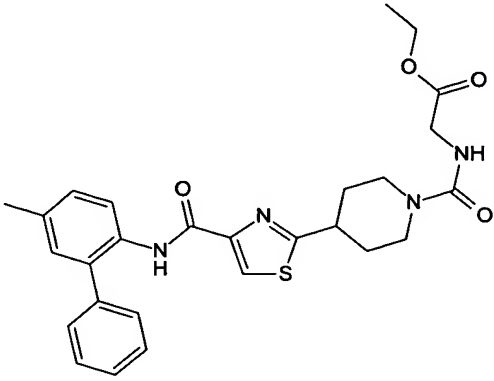
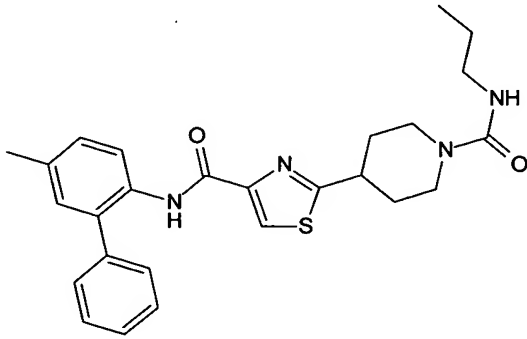
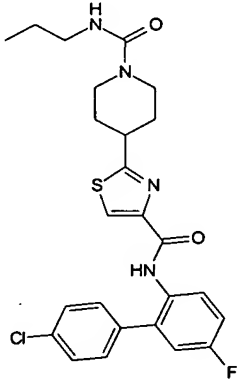
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 748 |  | |
| 749 |  <p data-bbox="310 1184 1232 1247">N-pentyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 750 |  <p data-bbox="310 1751 1198 1814">4-([4-({[4'-chloro-5-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)-N-pentylpiperidine-1-carboxamide</p> | |

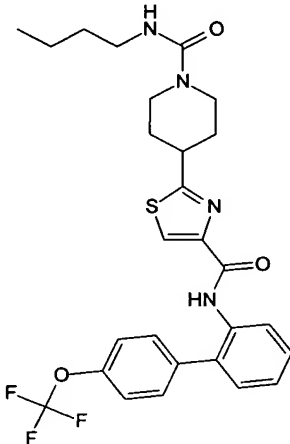
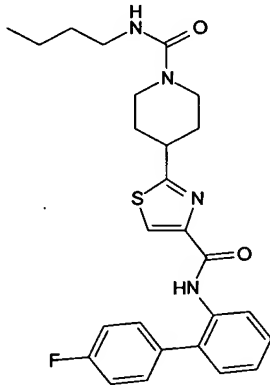
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|-----|---|-------------|
| 751 |  | |
| 752 |  <p data-bbox="308 1155 1193 1218">4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-N-ethylpiperidine-1-carboxamide</p> | |
| 753 |  <p data-bbox="308 1690 1226 1753">N-allyl-4-(4-((4'-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxamide</p> | |

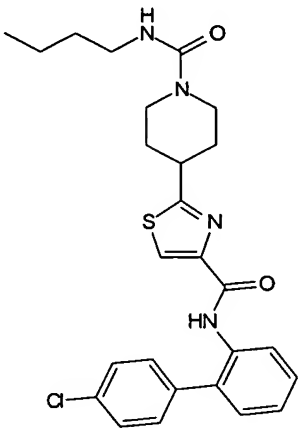
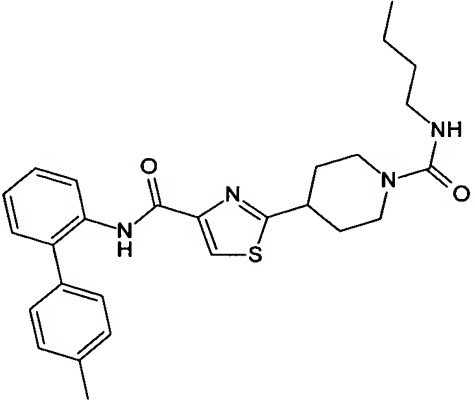
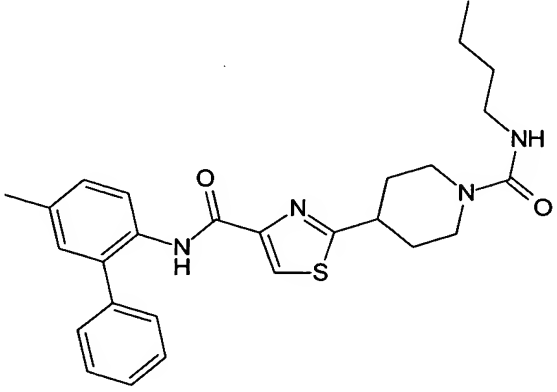
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 754 |  <p data-bbox="310 835 1144 898">N-allyl-4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p> | |
| 755 |  <p data-bbox="310 1329 1149 1388">N-allyl-4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p> | |
| 756 |  | |

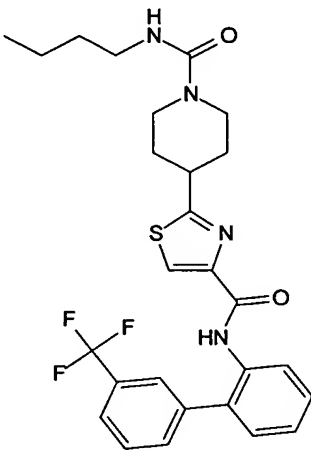
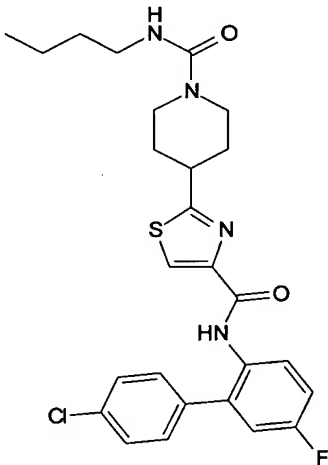
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 757 |  <p data-bbox="313 863 1230 926">N-allyl-4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxamide</p> | |
| 758 |  <p data-bbox="313 1493 1230 1556">ethyl N-([4-(4-((4'-ethylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carboxylate</p> | |

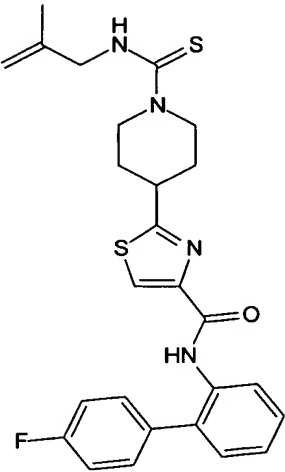
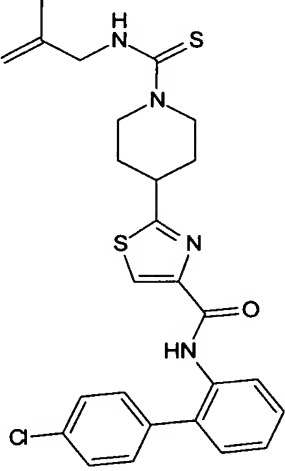
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 759 |  <p>ethyl N-({4-[4-({4'-(trifluoromethoxy)biphenyl-2-yl}amino)carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonyl)glycinate</p> | |
| 760 |  <p>ethyl N-({4-[4-({4'-fluorobiphenyl-2-yl}amino)carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonyl)glycinate</p> | |
| 761 |  | |

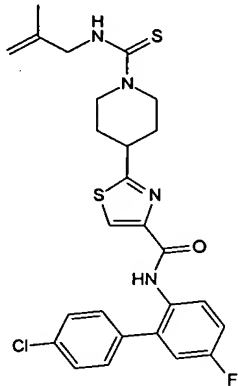
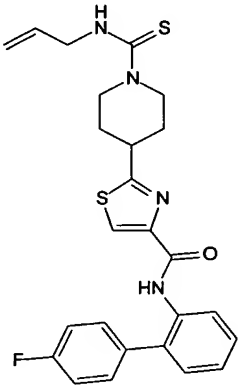
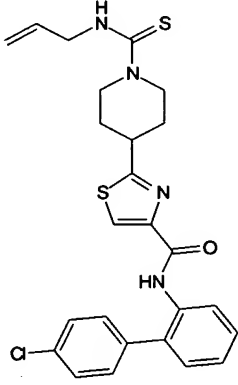
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 762 |  | |
| 763 |  | |
| 764 |  <p data-bbox="313 1627 1193 1688">4-(4-(((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-N-propylpiperidine-1-carboxamide</p> | |

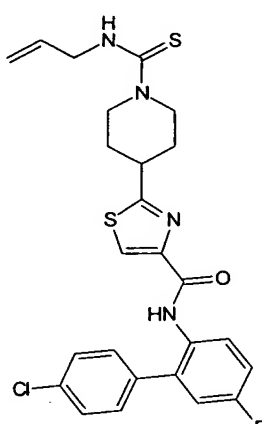
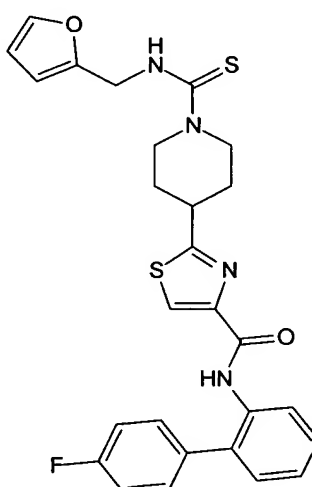
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 765 |  <p data-bbox="311 835 1144 898">N-butyl-4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 766 |  <p data-bbox="311 1375 1153 1434">N-butyl-4-[4-({[4'-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]-piperidine-1-carboxamide</p> | |

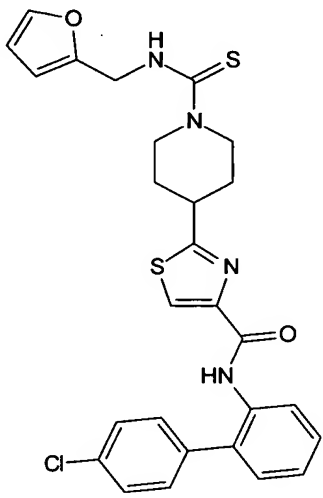
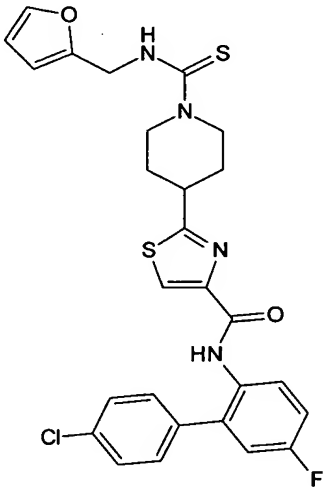
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 767 |  <p>N-butyl-4-(4-((4-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p> | |
| 768 |  | |
| 769 |  | |

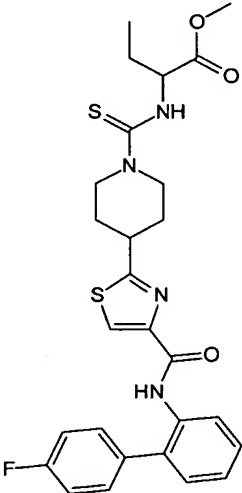
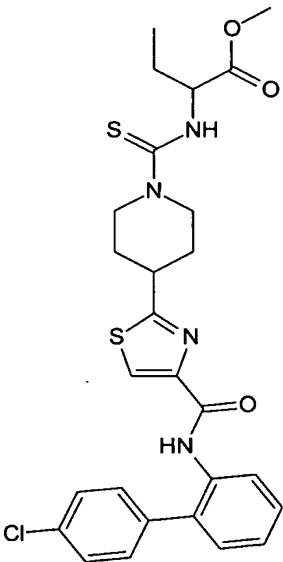
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 770 |  <p>N-butyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 771 |  <p>N-butyl-4-[4-({[4'-chloro-5-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |

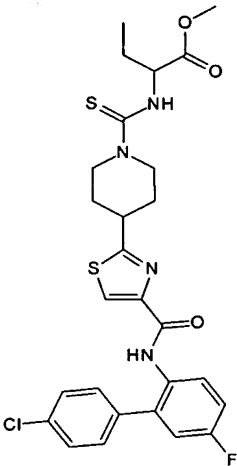
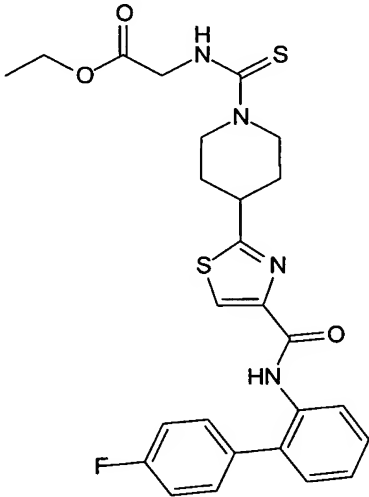
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 772 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-((2-methylprop-2-en-1-yl)amino)carbonylthio)thiazole-4-carboxamide</p> | |
| 773 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-((2-methylprop-2-en-1-yl)amino)carbonylthio)thiazole-4-carboxamide</p> | |

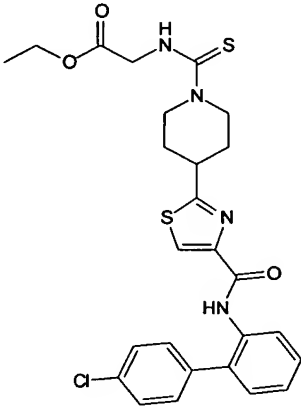
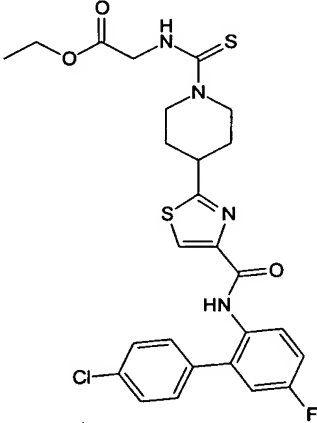
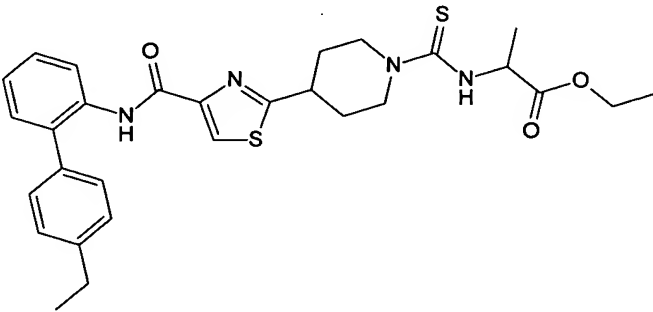
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 774 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[(2-methylprop-2-en-1-yl)amino]carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 775 |  <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 776 |  <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

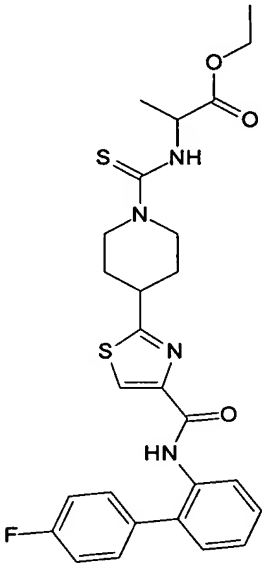
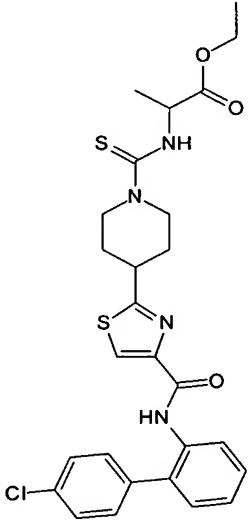
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 777 |  <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 778 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-[(2-furylmethyl)amino]-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

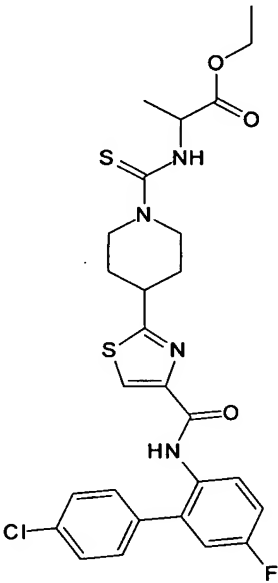
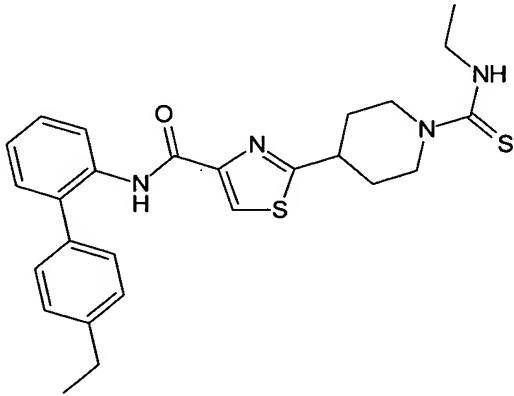
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|-----|--|-------------|
| 779 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-((2-furylmethyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 780 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-((2-furylmethyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

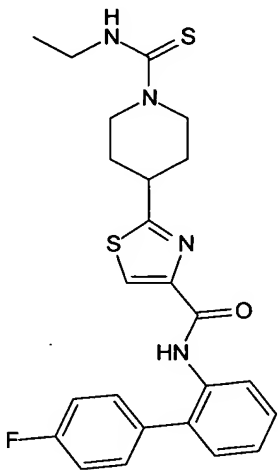
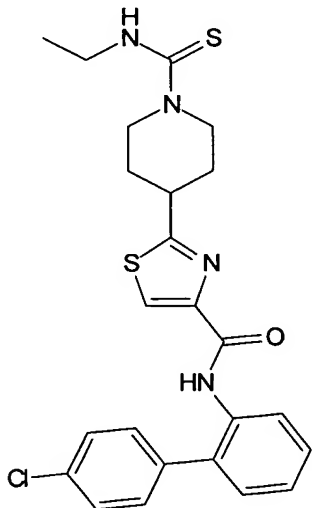
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|-----|---|-------------|
| 781 |  <p data-bbox="310 884 1198 940">methyl 2-({[4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl}amino)butanoate</p> | |
| 782 |  <p data-bbox="310 1598 1198 1654">methyl 2-({[4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl}amino)butanoate</p> | |

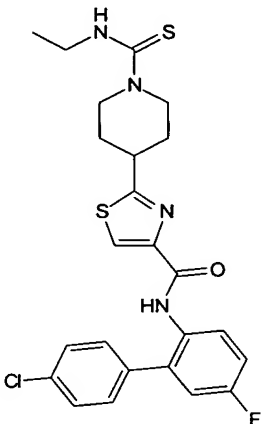
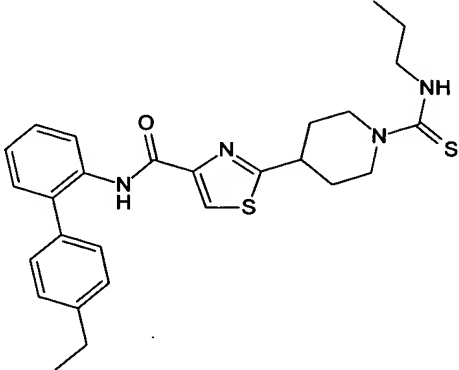
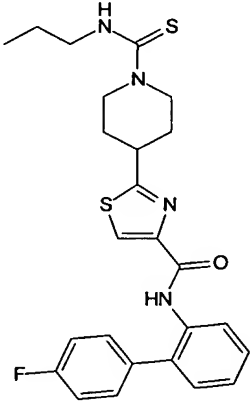
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|-----|--|-------------|
| 783 |  <p>methly 2-({[4-(4-{[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl}amino)butanoate</p> | |
| 784 |  <p>ethyl N-([4-(4-{[(4'-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl)glycinate</p> | |

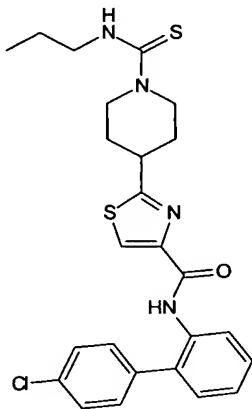
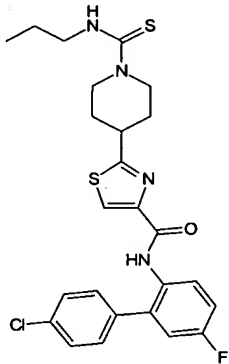
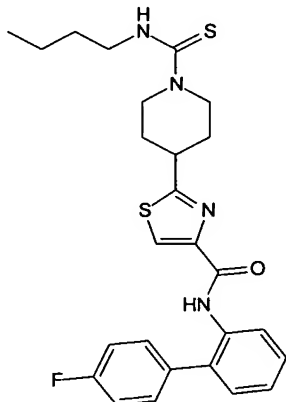
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|-----|---|-------------|
| 785 |  <p>ethyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioylglycinate</p> | |
| 786 |  <p>ethyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioylglycinate</p> | |
| 787 |  | |

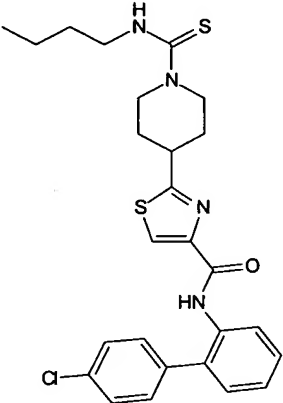
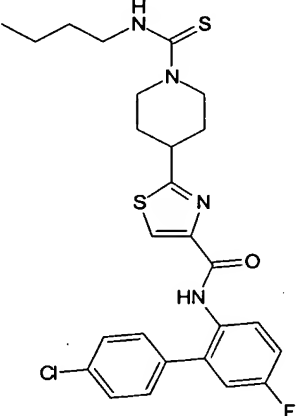
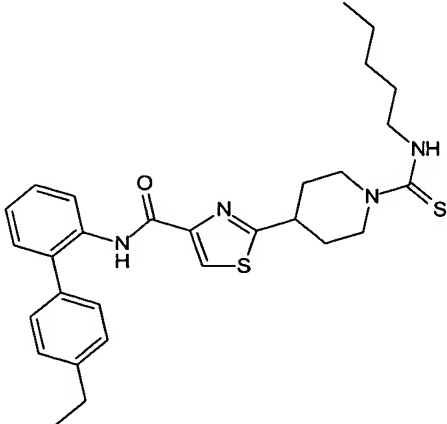
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 788 |  <p>ethyl N-([4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioyl)alaninate</p> | |
| 789 |  <p>ethyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioyl)alaninate</p> | |

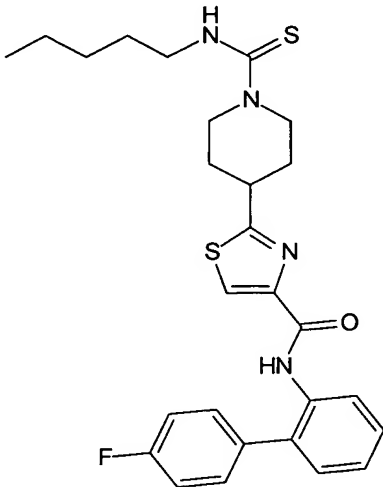
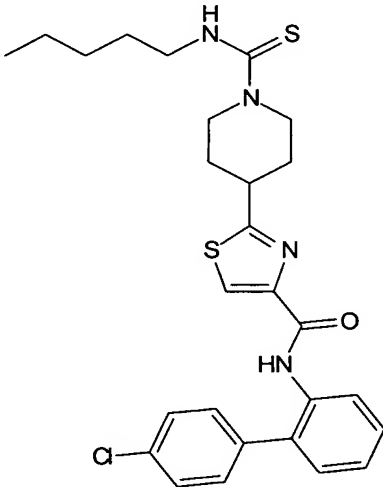
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 790 |  <p>ethyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioyl)alaninate</p> | |
| 791 |  | |

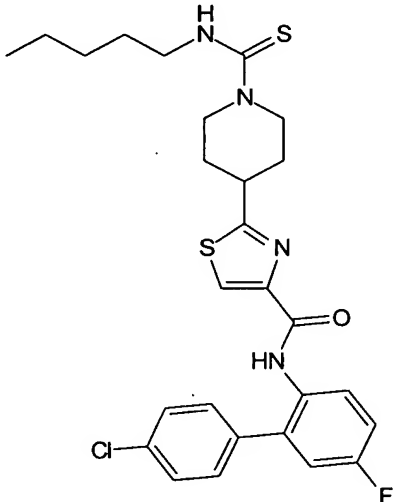
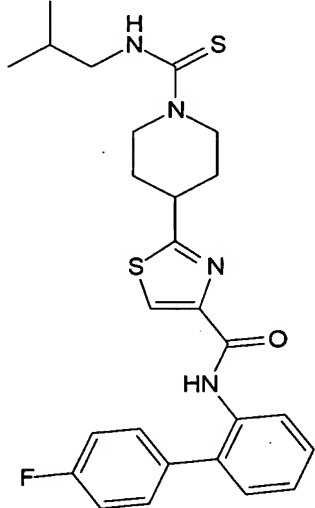
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|-----|--|-------------|
| 792 |  <p data-bbox="308 850 1234 924">2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 793 |  <p data-bbox="308 1533 1193 1585">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

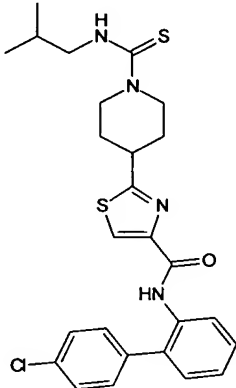
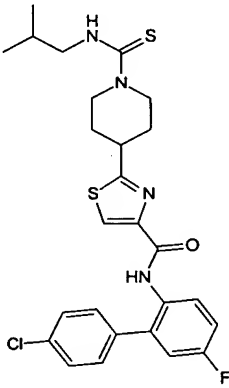
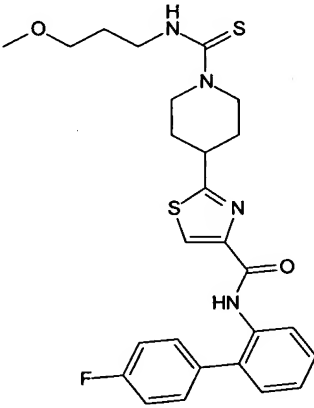
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 794 |  <p data-bbox="310 793 1232 852">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 795 |  | |
| 796 |  <p data-bbox="310 1776 1198 1835">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

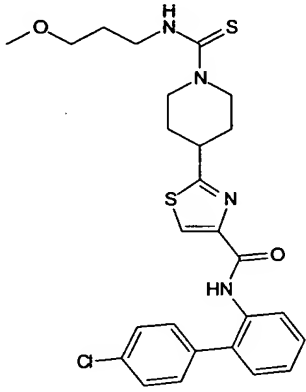
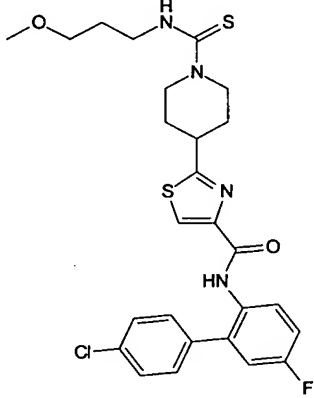
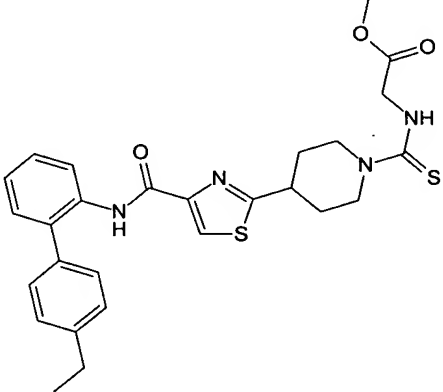
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|-----|--|-------------|
| 797 |  <p data-bbox="310 793 1203 852">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 798 |  <p data-bbox="310 1289 1138 1346">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 799 |  <p data-bbox="310 1793 1227 1856">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

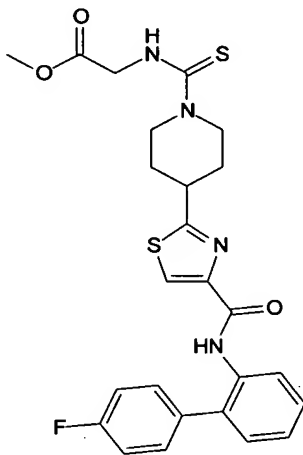
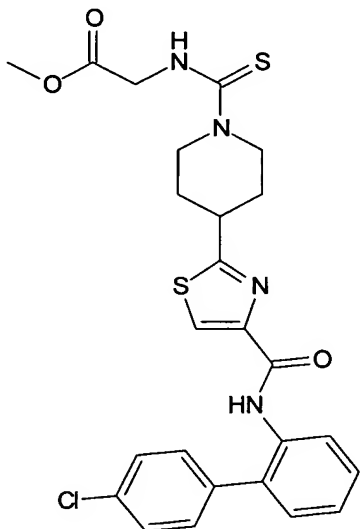
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 800 |  <p data-bbox="313 772 1187 825">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 801 |  <p data-bbox="313 1314 1224 1367">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 802 |  | |

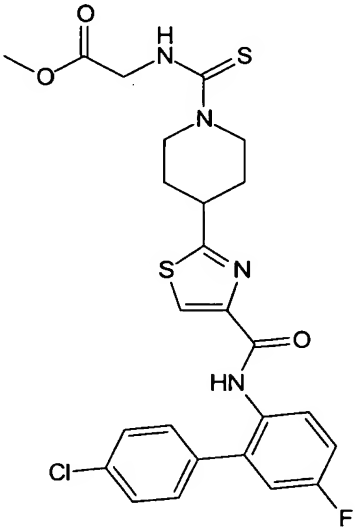
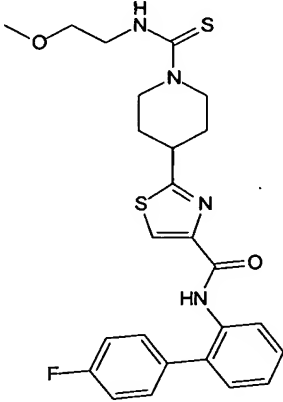
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|-----|--|-------------|
| 803 |  <p data-bbox="310 884 1198 940">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 804 |  <p data-bbox="310 1556 1198 1612">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

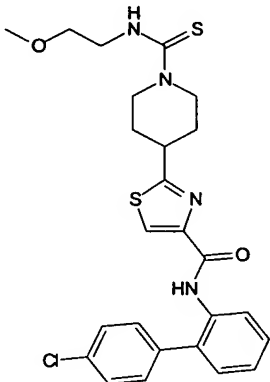
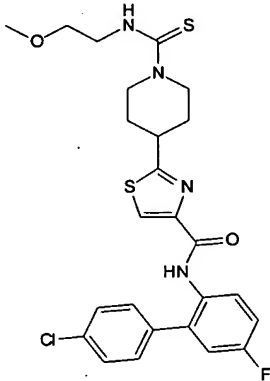
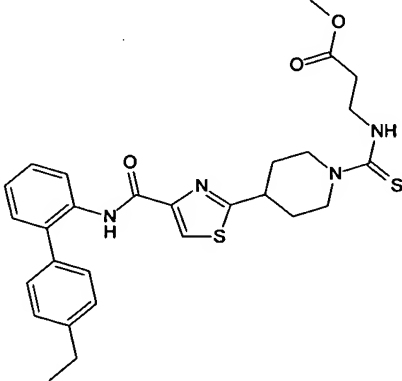
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 805 |  <p data-bbox="310 905 1138 961">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 806 |  <p data-bbox="310 1577 1214 1633">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

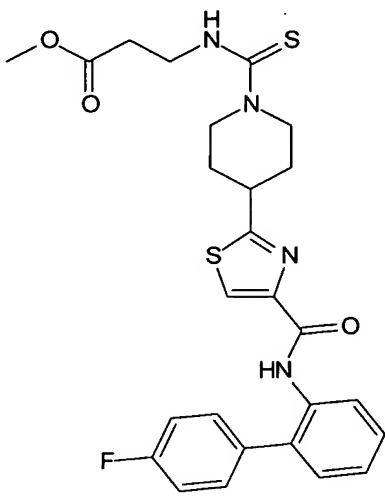
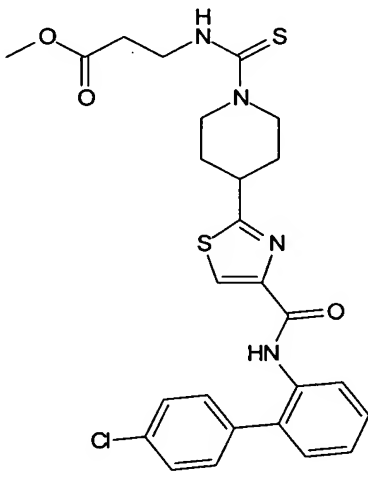
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|-----|--|-------------|
| 807 |  <p data-bbox="310 745 1229 804">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 808 |  <p data-bbox="310 1262 1159 1320">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 809 |  <p data-bbox="310 1772 1179 1831">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(3-methoxypropyl)amino]carbonothioyl}piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

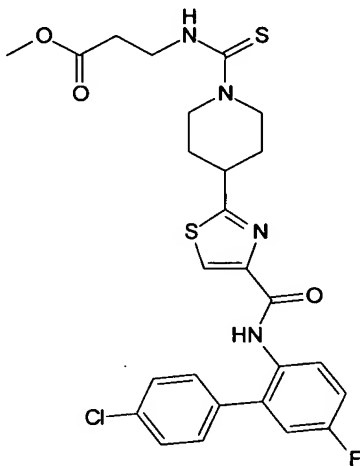
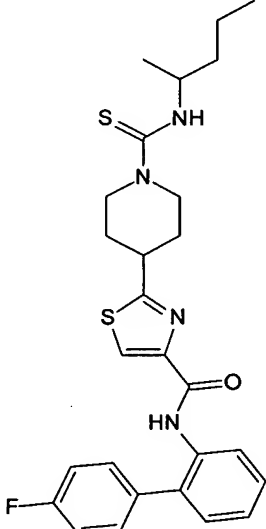
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 810 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-([(3-methoxypropyl)amino]carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 811 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-([(3-methoxypropyl)amino]carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 812 |  <p>N-(4-ethylbiphenyl-2-yl)-2-(1-([(3-methoxypropyl)amino]carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

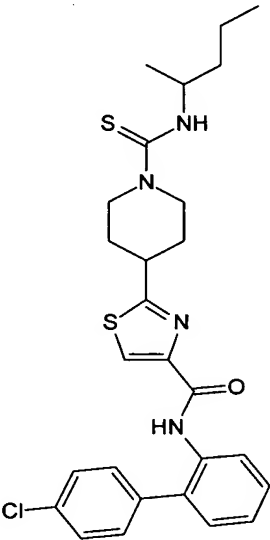
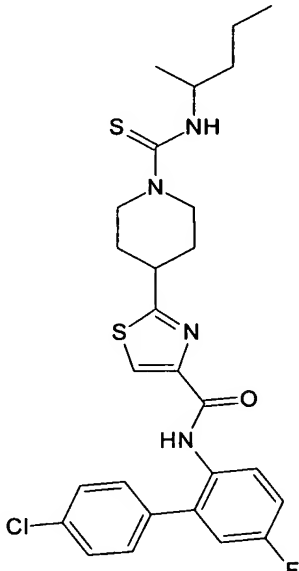
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 813 |  <p data-bbox="310 842 1192 905">methyl N-([4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioylglycinate</p> | |
| 814 |  <p data-bbox="310 1528 1192 1591">methyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl)carbonothioylglycinate</p> | |

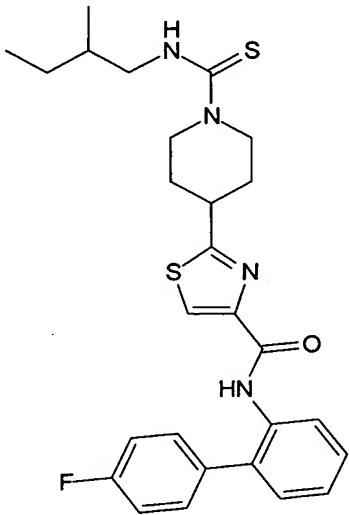
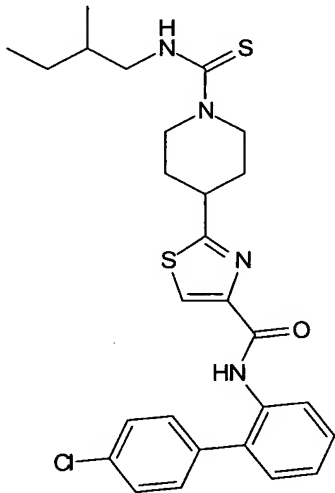
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 815 |  <p data-bbox="305 926 1146 989">methyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioylglycinate</p> | |
| 816 |  <p data-bbox="305 1486 1166 1549">N-(4'-fluorobiphenyl-2-yl)-2-(1-((2-methoxyethyl)amino)-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

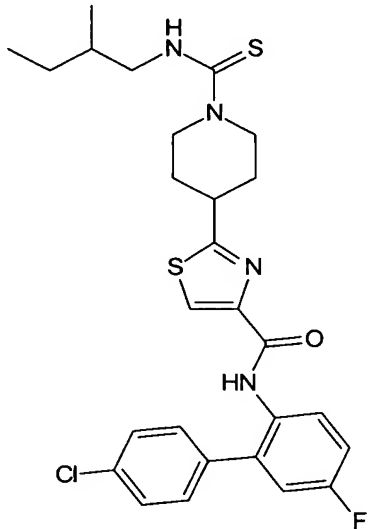
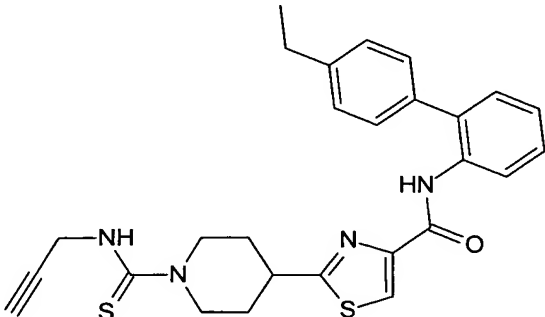
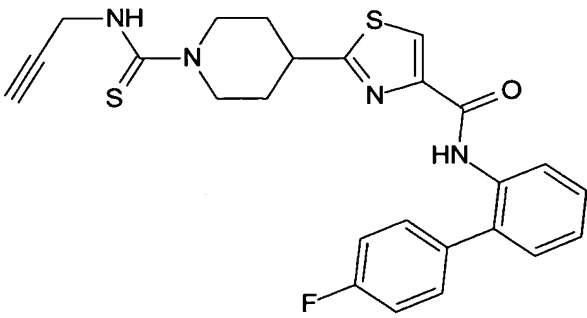
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 817 |  <p data-bbox="310 772 1175 831">N-(4'-chlorobiphenyl-2-yl)-2-(1-[(2-methoxyethyl)amino]-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 818 |  <p data-bbox="310 1287 1203 1346">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[(2-methoxyethyl)amino]-carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 819 |  <p data-bbox="310 1801 1180 1856">methyl N-{[4-(4-[(4'-ethylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl}carbonothioyl}-beta-alaninate</p> | |

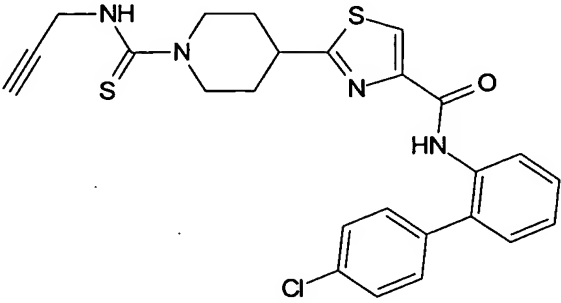
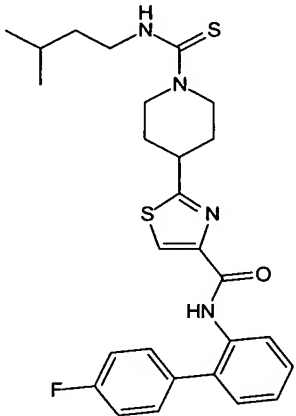
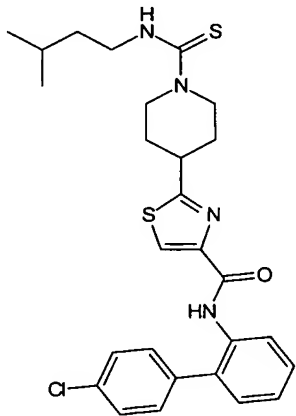
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 820 |  <p data-bbox="308 882 1193 945">methyl N-([4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl)-beta-alaninate</p> | |
| 821 |  <p data-bbox="308 1533 1193 1596">methyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl)-beta-alaninate</p> | |

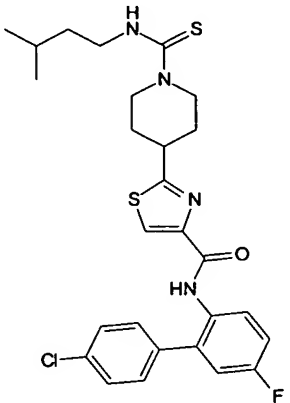
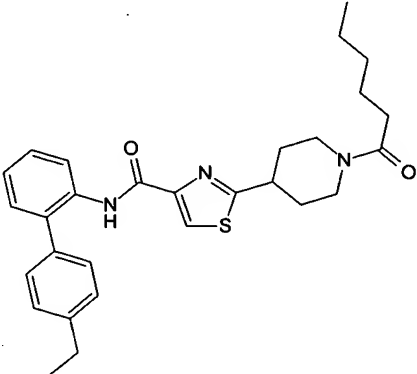
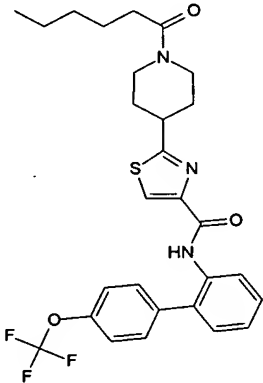
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 822 |  <p data-bbox="310 856 1149 919">methyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl)-beta-alaninate</p> | |
| 823 |  <p data-bbox="310 1556 1149 1612">N-(4'-fluorobiphenyl-2-yl)-2-(1-((1-methylbutyl)amino)-carbonothioyl)-piperidin-4-yl-1,3-thiazole-4-carboxamide</p> | |

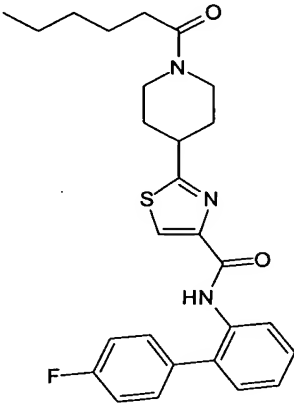
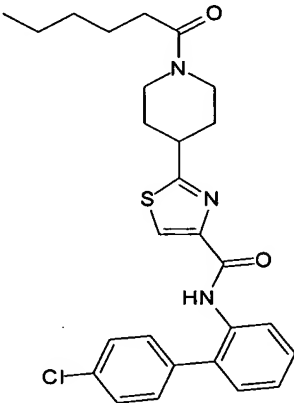
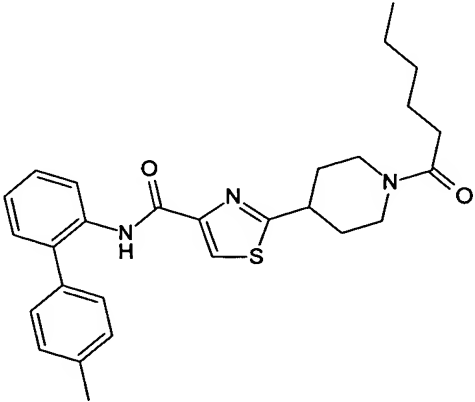
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 824 |  <p data-bbox="310 926 1154 989">N-(4'-chlorobiphenyl-2-yl)-2-(1-((1-methylbutyl)amino)-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 825 |  <p data-bbox="310 1640 1182 1703">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-((1-methylbutyl)amino)-carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

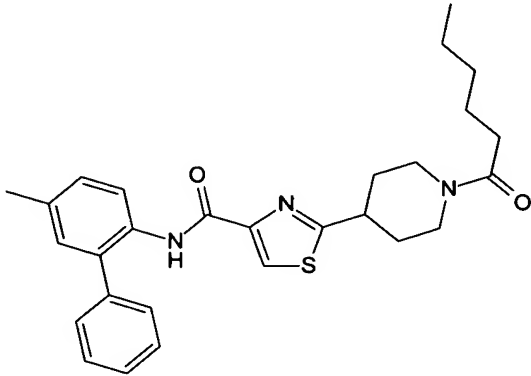
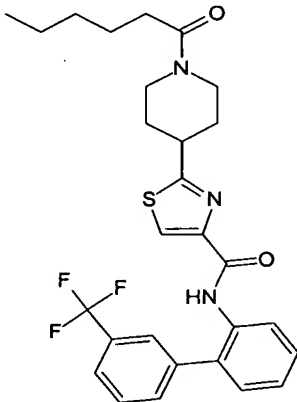
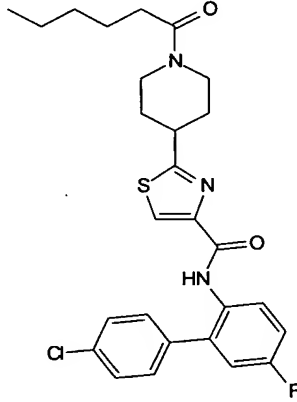
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 826 |  <p data-bbox="305 898 1138 961">N-(4'-fluorobiphenyl-2-yl)-2-(1-((2-methylbutyl)amino)carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 827 |  <p data-bbox="305 1528 1154 1591">N-(4'-chlorobiphenyl-2-yl)-2-(1-((2-methylbutyl)amino)carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

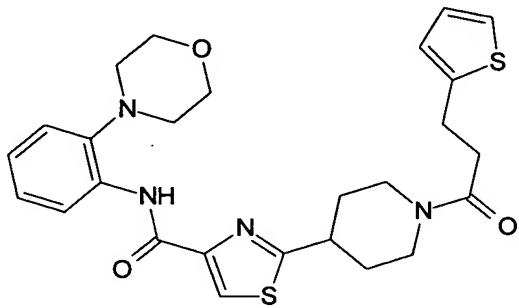
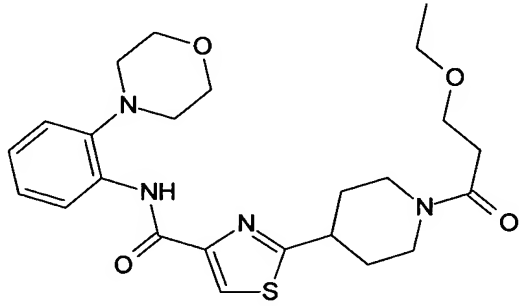
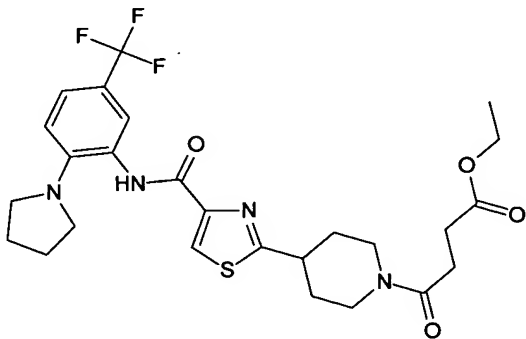
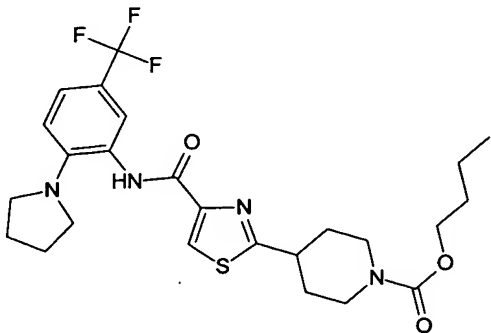
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 828 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[(2-methylbutyl)amino]-carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 829 |  | |
| 830 |  | |

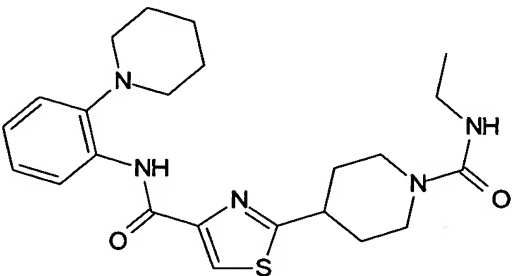
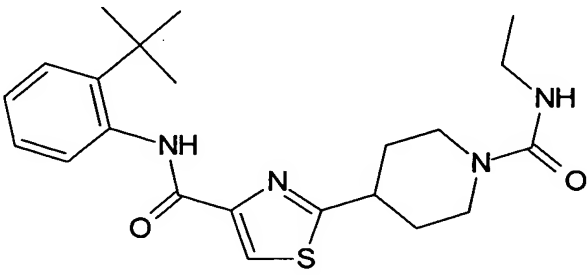
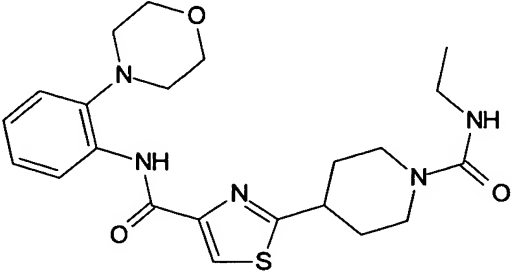
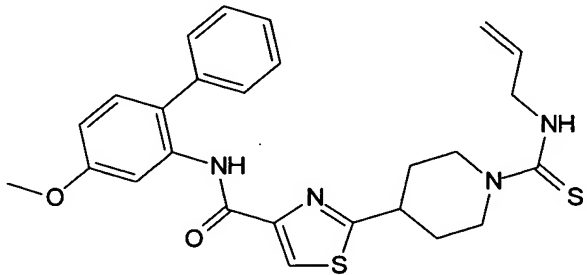
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 831 |  | |
| 832 |  <p data-bbox="313 1188 1149 1247">N-(4'-fluorobiphenyl-2-yl)-2-(1-[[[(3-methylbutyl)amino]-carbonothioyl]-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 833 |  <p data-bbox="313 1755 1157 1814">N-(4'-chlorobiphenyl-2-yl)-2-(1-[[[(3-methylbutyl)amino]-carbonothioyl]-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

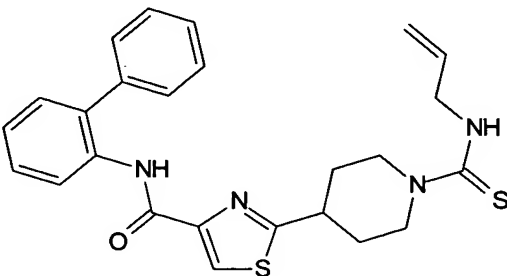
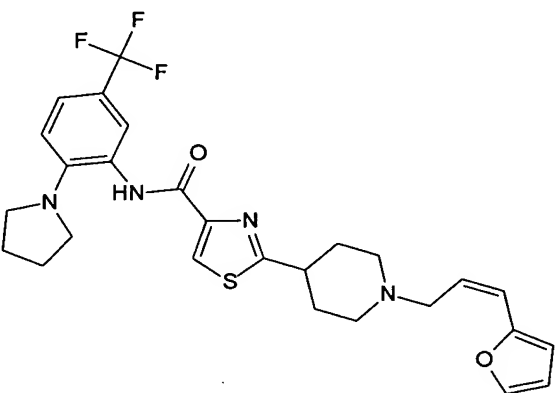
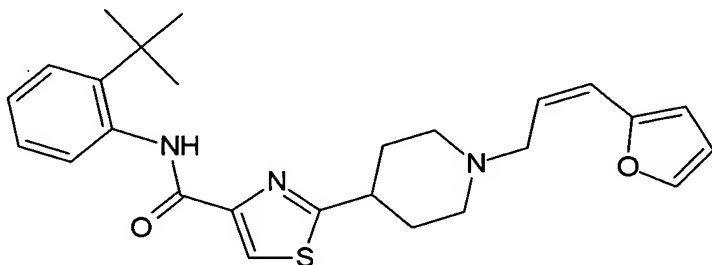
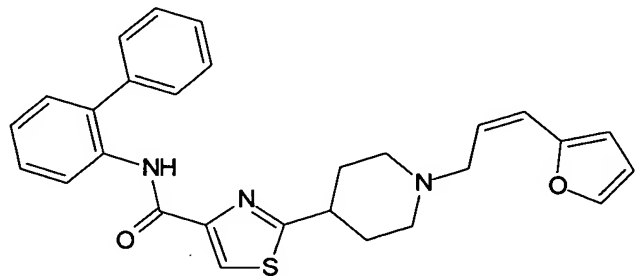
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 834 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-((3-methylbutyl)amino)-carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 835 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 836 |  <p>2-(1-hexanoylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

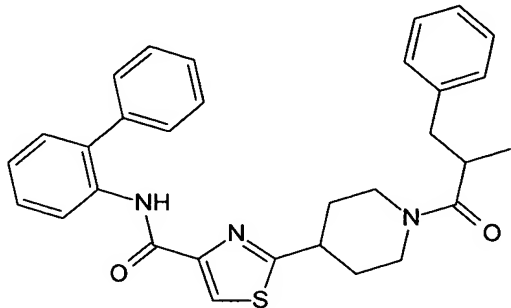
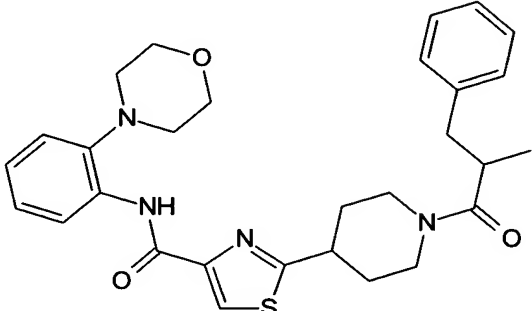
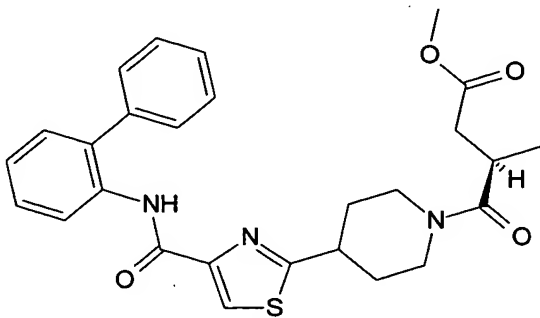
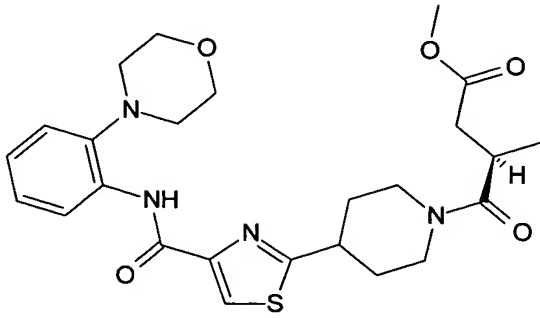
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 837 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 838 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 839 |  | |

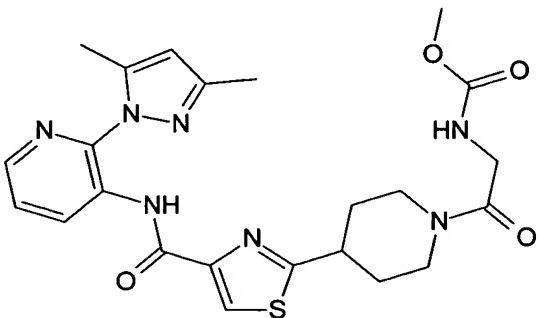
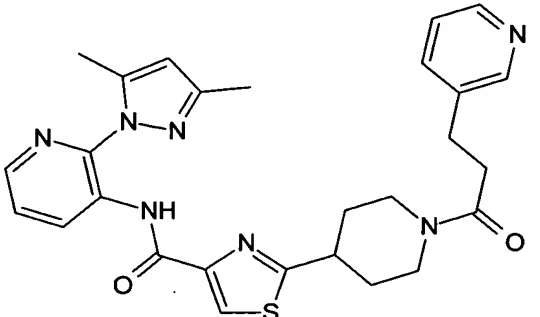
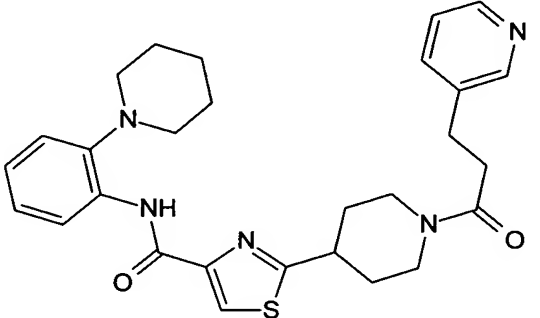
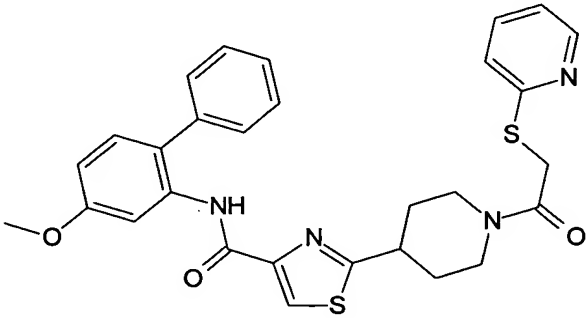
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 840 |  | |
| 841 |  <p data-bbox="310 1234 1232 1297">2-(1-hexanoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 842 |  <p data-bbox="310 1745 1224 1808">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

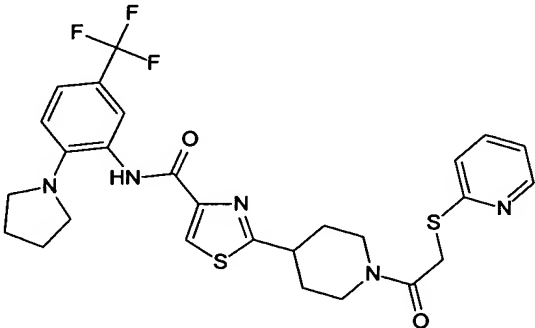
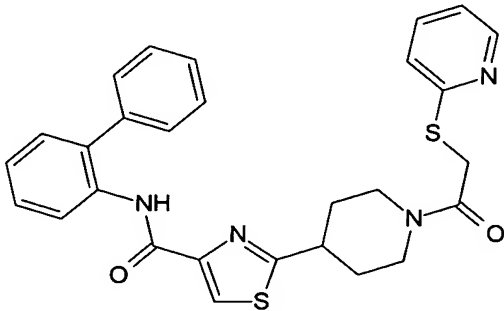
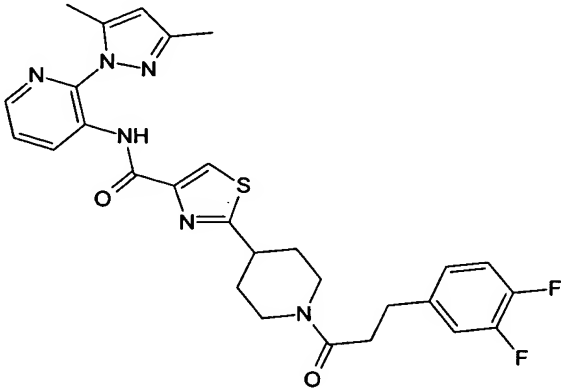
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|-----|---|-------------|
| 843 |  | |
| 844 |  | |
| 845 |  | |
| 846 |  | |

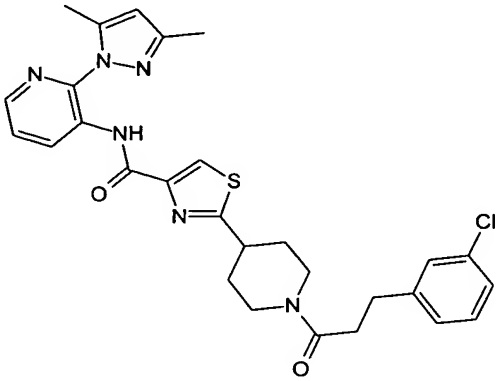
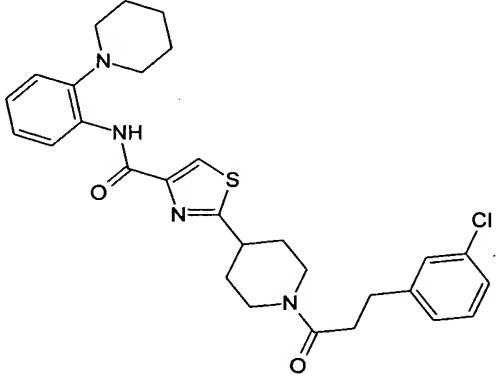
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 847 |  <chem>CCNC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCCCC4)c(s2)</chem> | |
| 848 |  <chem>CCNC(=O)N1CCCCC1c2nc(C(=O)Nc3cc(C(C)(C)C)ccc3)c(s2)</chem> | |
| 849 |  <chem>CCNC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(N4CCOCC4)cc3)c(s2)</chem> | |
| 850 |  <chem>CCNC(=S)N1CCCCC1c2nc(C(=O)Nc3cc(Cc4ccccc4)ccc3OC)c(s2)</chem> | |

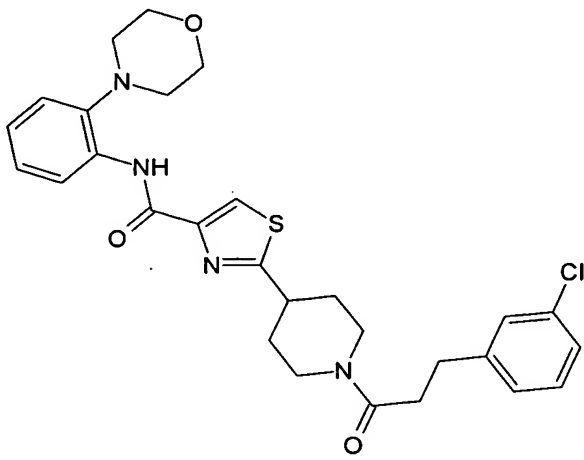
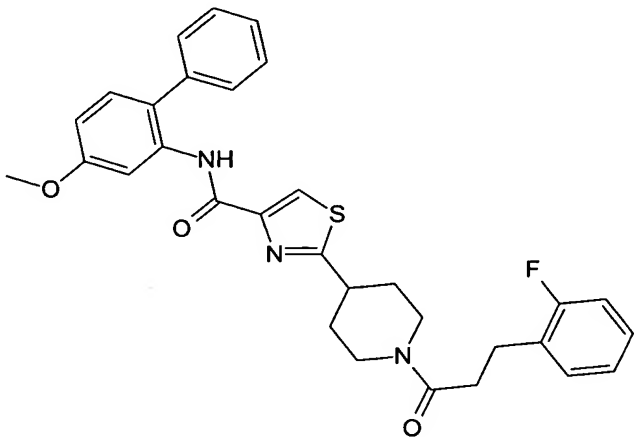
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 851 |  | |
| 852 |  | |
| 853 |  | |
| 854 |  | |

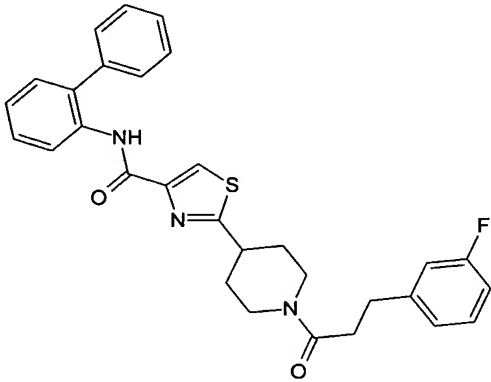
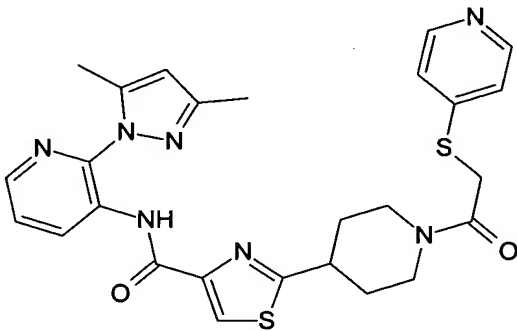
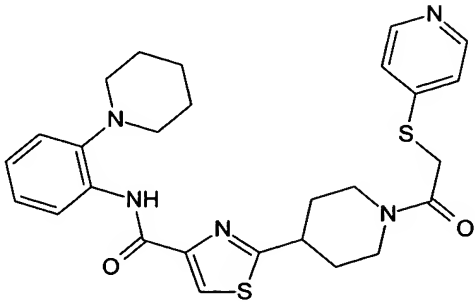
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|-----|---|-------------|
| 855 |  | |
| 856 |  | |
| 857 |  | |
| 858 |  | |

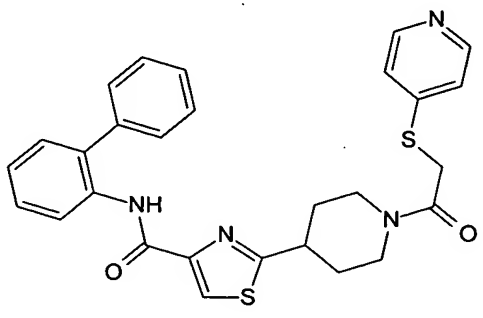
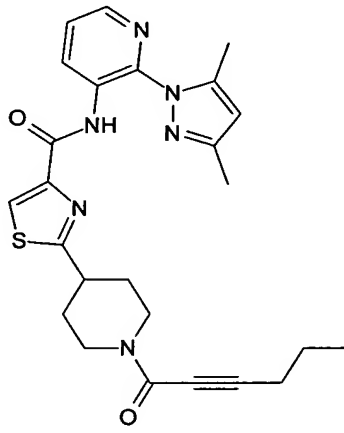
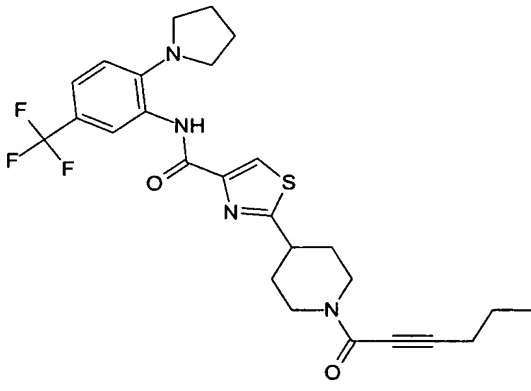
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|-----|--|-------------|
| 859 |  | |
| 860 |  | |
| 861 |  | |
| 862 |  | |

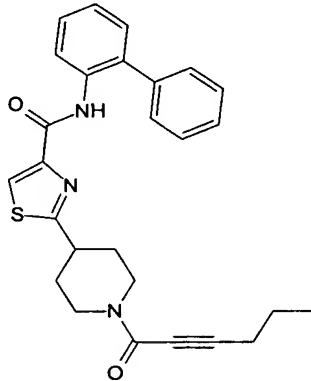
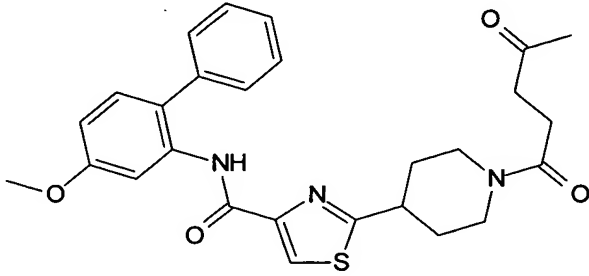
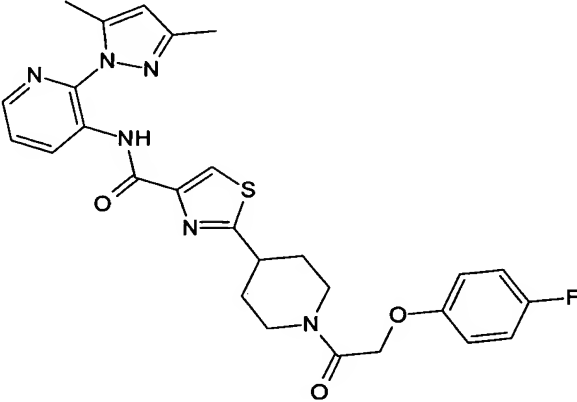
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 863 |  | |
| 864 |  | |
| 865 |  <p data-bbox="310 1556 1211 1608">2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p> | |

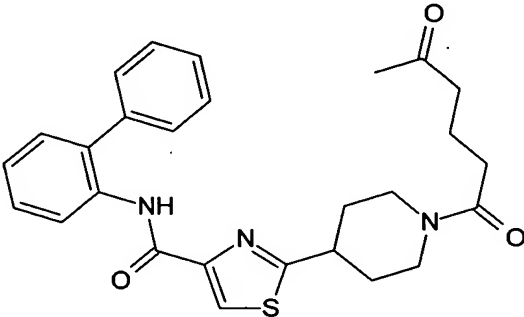
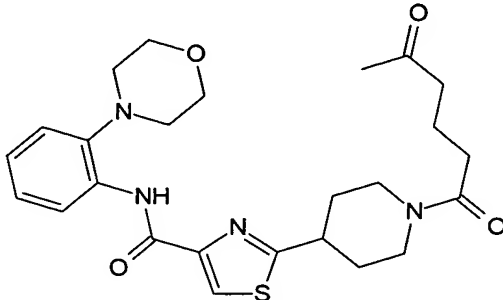
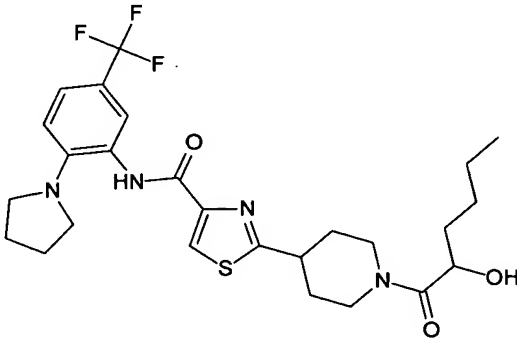
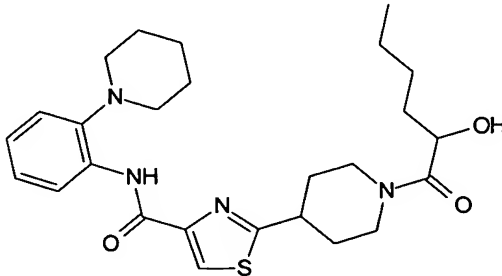
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 866 |  <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p> | |
| 867 |  <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |

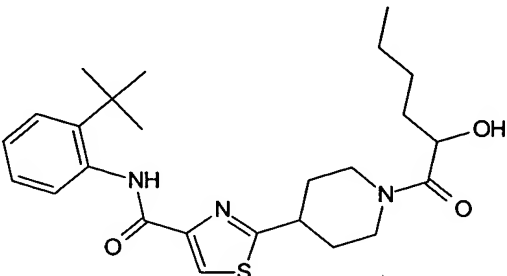
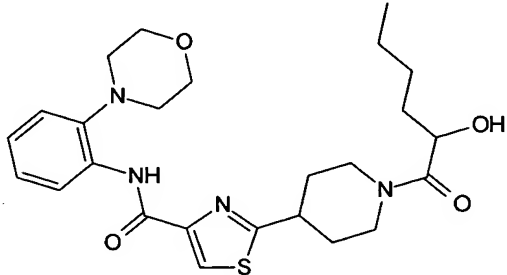
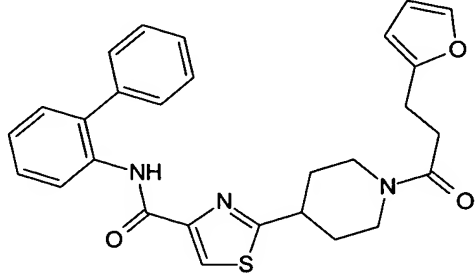
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 868 |  <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-morpholin-4-yl-phenyl)-1,3-thiazole-4-carboxamide</p> | |
| 869 |  <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

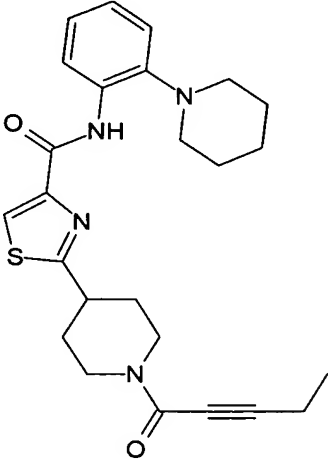
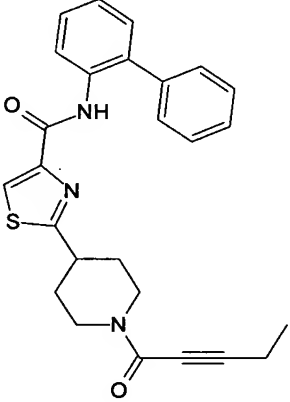
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 870 |  <p data-bbox="310 772 1133 831">N-biphenyl-2-yl-2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 871 |  | |
| 872 |  | |

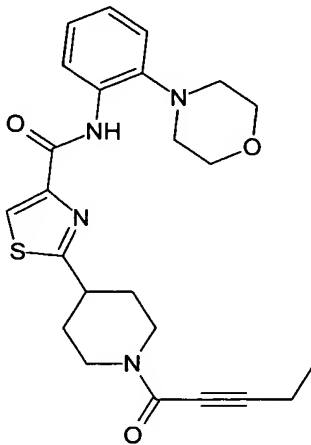
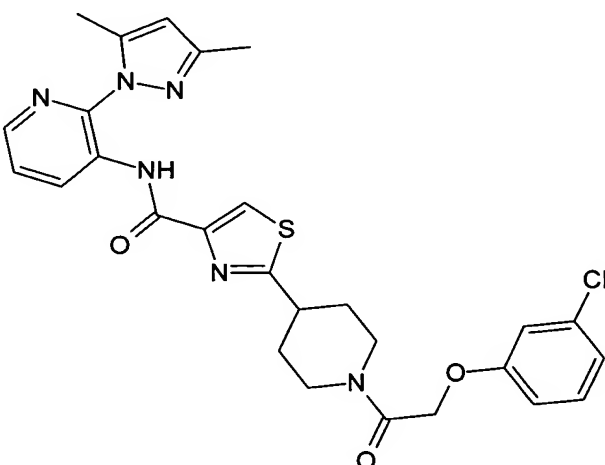
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 873 |  | |
| 874 |  <p data-bbox="305 1260 1218 1312">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 875 |  <p data-bbox="305 1774 1226 1827">2-(1-hex-2-ynoylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |

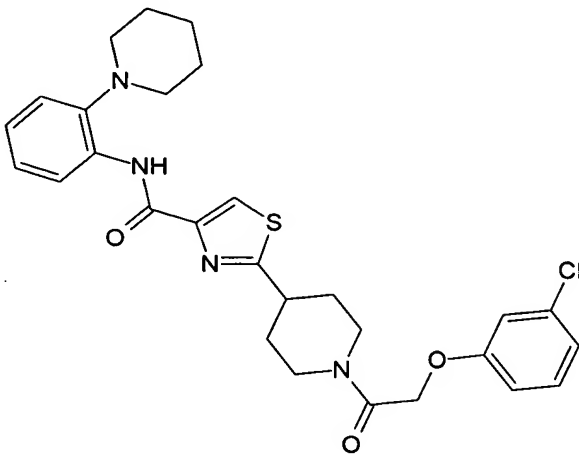
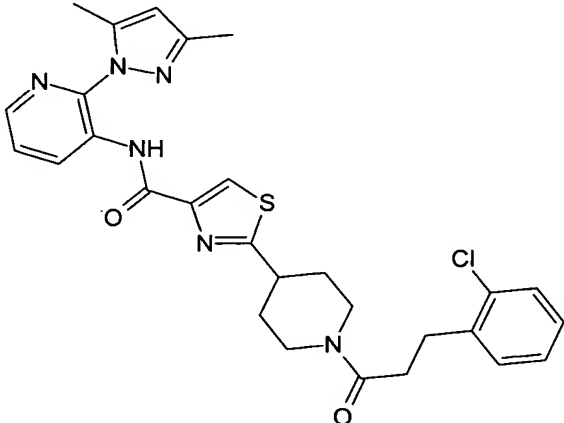
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 876 |  <p>N-biphenyl-2-yl-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 877 |  <p>N-(2-(3,5-dimethoxyphenyl)-2-oxo-1,3-thiazol-4-yl)piperidin-4-yl-1,3-thiazole-4-carboxamide</p> | |
| 878 |  <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

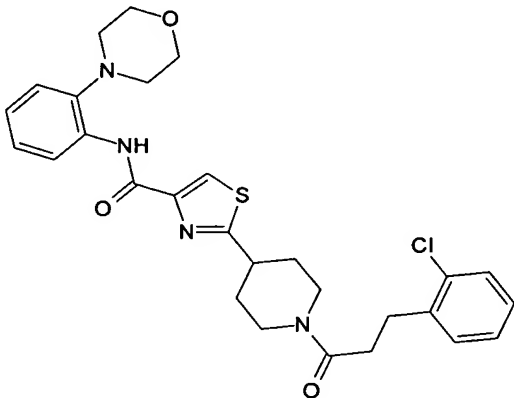
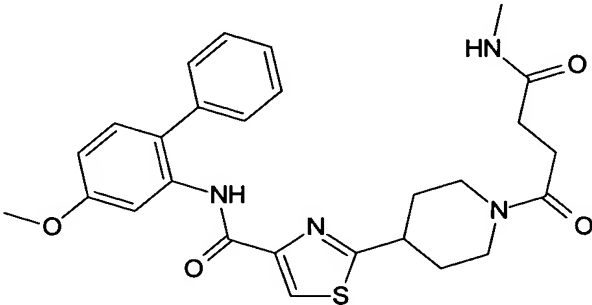
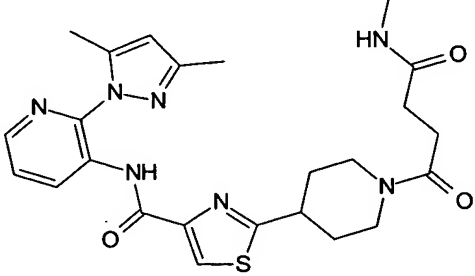
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 879 |  | |
| 880 |  | |
| 881 |  | |
| 882 |  | |

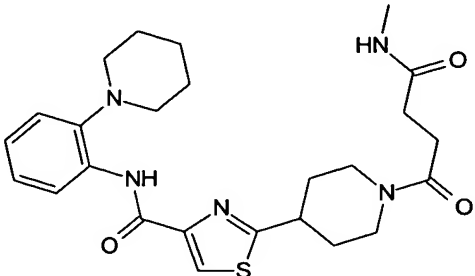
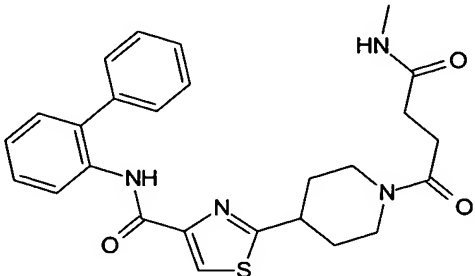
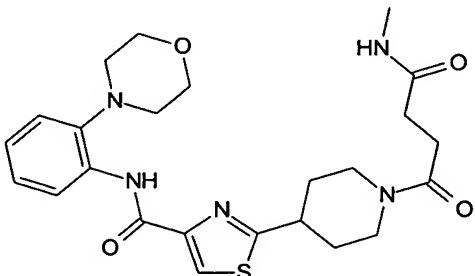
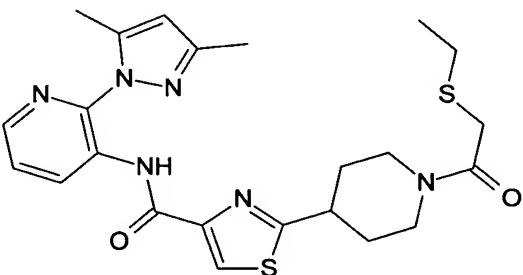
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 883 |  <chem>CCCC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3C(C)(C)C)n2</chem> | |
| 884 |  <chem>CCCC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCOCC4)n2</chem> | |
| 885 |  <chem>CCCC(=O)N1CCCCC1c2sc(C(=O)Nc3ccccc3Cc4ccccc4)n2</chem> | |

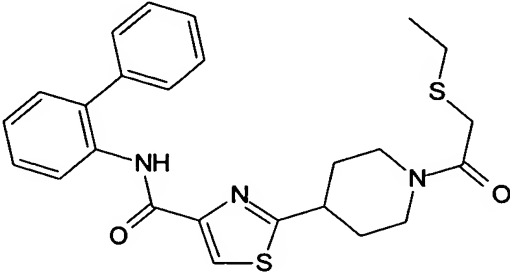
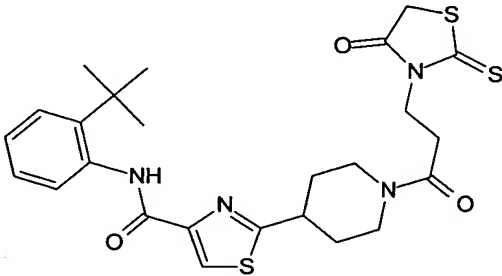
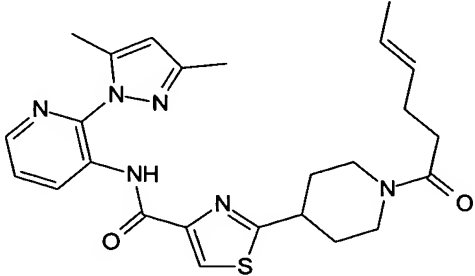
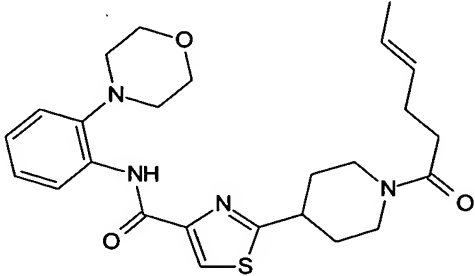
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 886 |  <p data-bbox="310 863 1187 919">2-(1-pent-2-ynoylpiperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 887 |  <p data-bbox="310 1430 1219 1457">N-biphenyl-2-yl-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

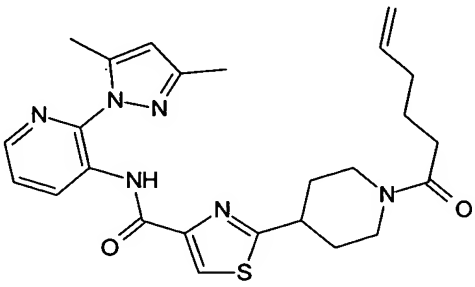
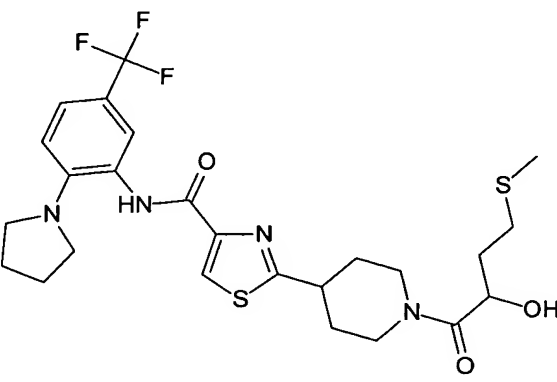
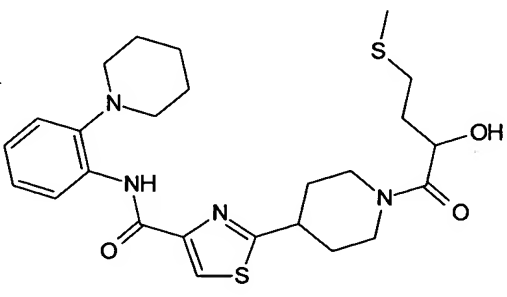
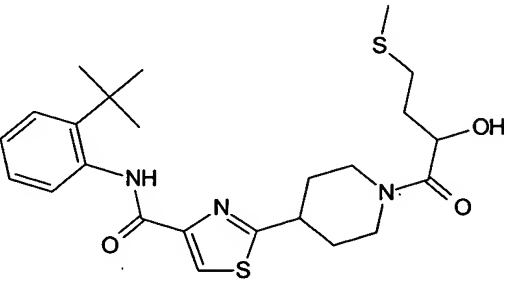
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 888 |  <p>N-(2-morpholin-4-ylphenyl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 889 |  <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p> | |

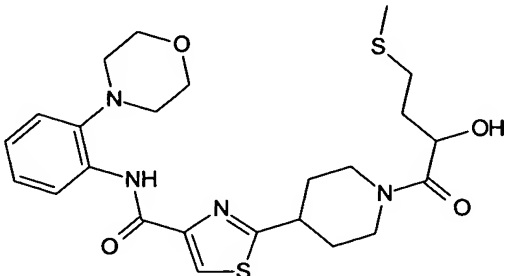
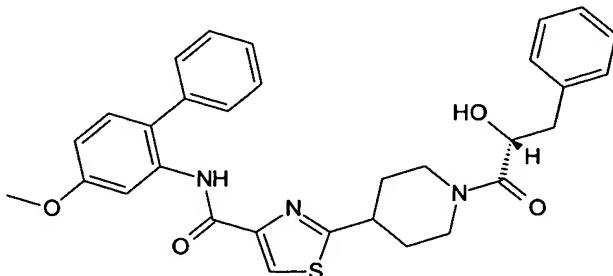
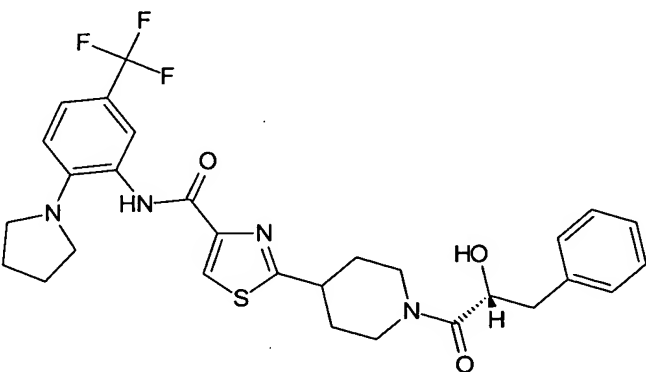
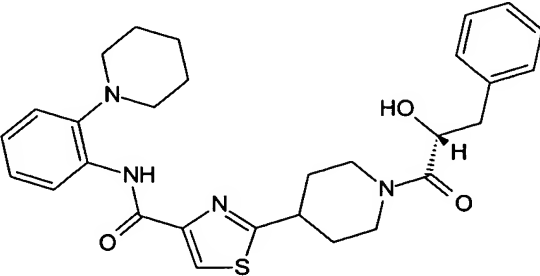
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 890 |  <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 891 |  <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p> | |

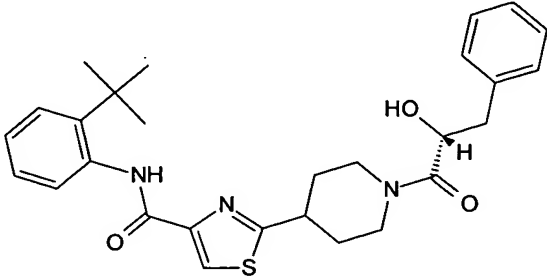
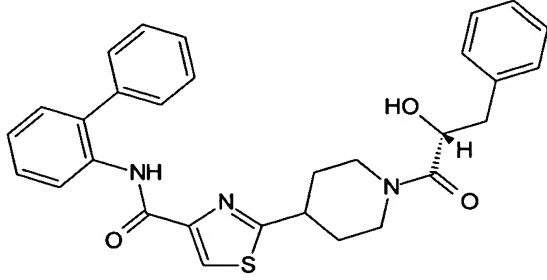
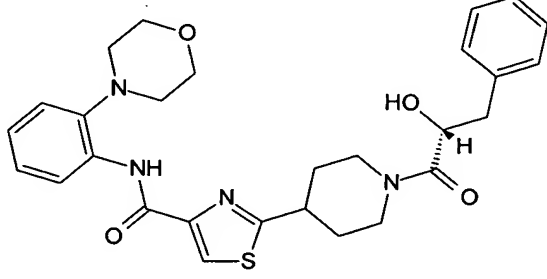
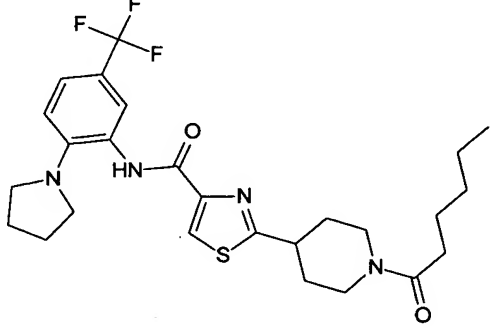
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 892 |  <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-morpholin-4-yl-phenyl)-1,3-thiazole-4-carboxamide</p> | |
| 893 |  <p>1-[3-(2-methoxy-4-phenylphenyl)-N-methylpropanoyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 894 |  <p>1-[3-(2-methyl-4-(4-methyl-1H-imidazol-2-yl)phenyl)-N-methylpropanoyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

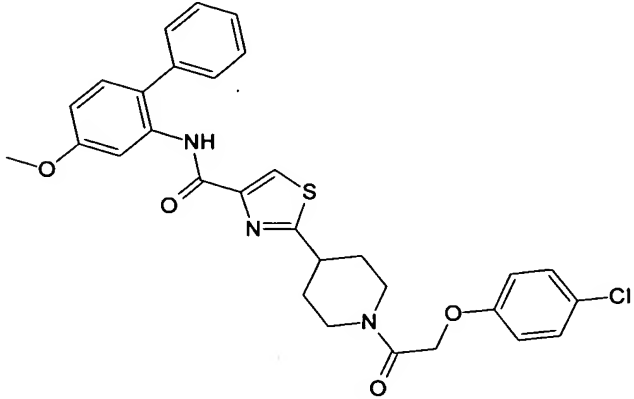
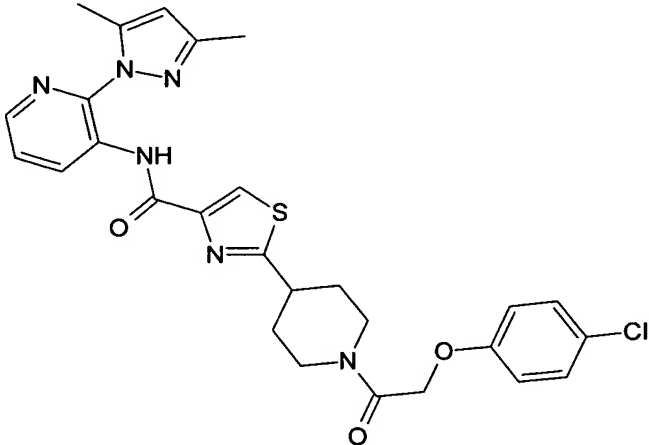
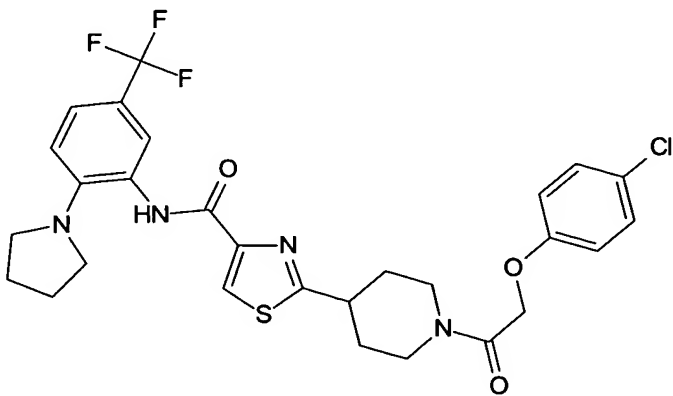
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 895 |  <chem>CNC(=O)CC(=O)N1CC[C@H](c2cc[nH]c2C(=O)Nc3ccccc3N4CCCCC4)c2cc[nH]c2</chem> | |
| 896 |  <chem>CNC(=O)CC(=O)N1CC[C@H](c2cc[nH]c2C(=O)Nc3ccccc3-c4ccccc4)c2cc[nH]c2</chem> | |
| 897 |  <chem>CNC(=O)CC(=O)N1CC[C@H](c2cc[nH]c2C(=O)Nc3ccccc3N4CCOCC4)c2cc[nH]c2</chem> | |
| 898 |  <chem>CCSCC(=O)N1CC[C@H](c2cc[nH]c2C(=O)Nc3cc[nH]c3-c4ccnnc4C)c2cc[nH]c2</chem> | |

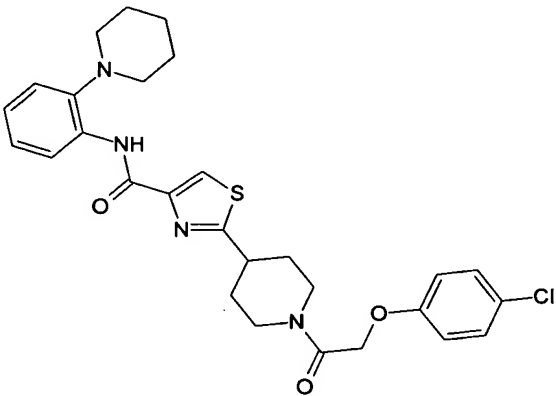
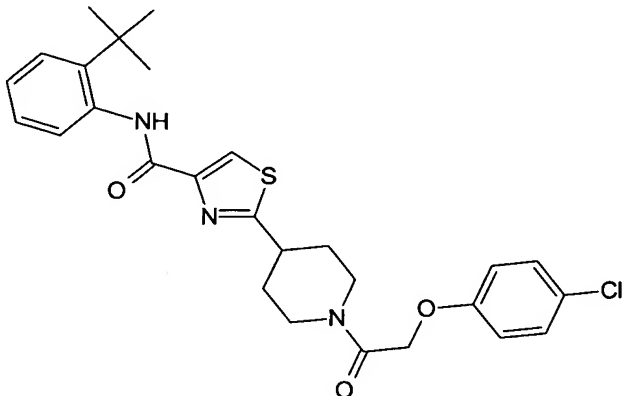
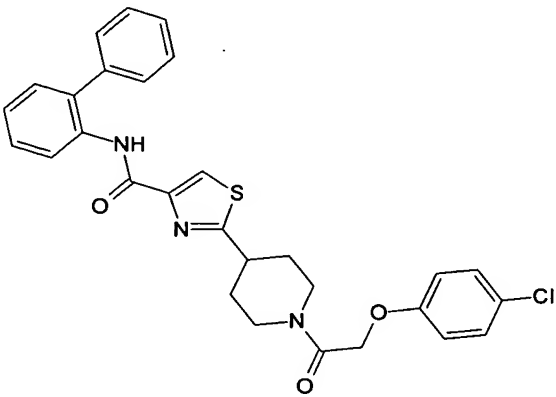
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 899 |  <chem>CCSC(=O)N1CCN(CC1)c2nc(C(=O)Nc3ccccc3-c4ccccc4)cs2</chem> | |
| 900 |  <chem>CC1(C)C2=CC=CC=C2C(=N1)Nc3ccccc3-c4ccccc4C5=CN(CS5)C(=O)N6CCN(CC6)C(=O)N7CCSC7=O</chem> | |
| 901 |  <chem>CC1=CC=C(C=C1N2C=CC(=N2)C)C(=N1)Nc3ccccc3-c4ccccc4C5=CN(CS5)C(=O)N6CCN(CC6)C(=O)N7CC=CC=C7</chem> | |
| 902 |  <chem>C1CCN(CC1)c2nc(C(=O)Nc3ccccc3-c4ccccc4N5CCOCC5)cs2C(=O)N6CCN(CC6)C(=O)N7CC=CC=C7</chem> | |

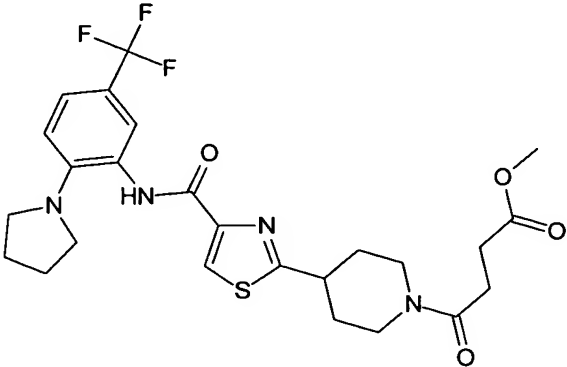
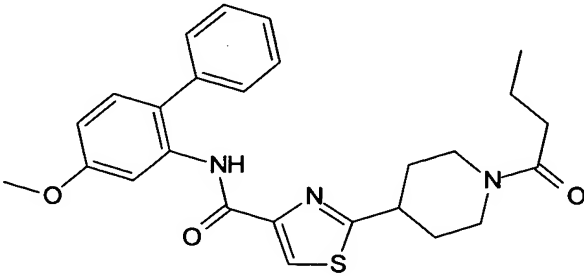
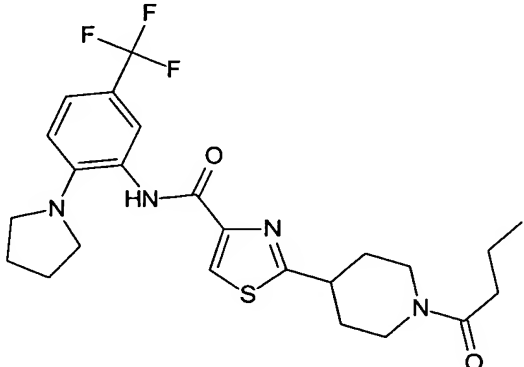
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|-----|---|-------------|
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| 904 |  | |
| 905 |  | |
| 906 |  | |

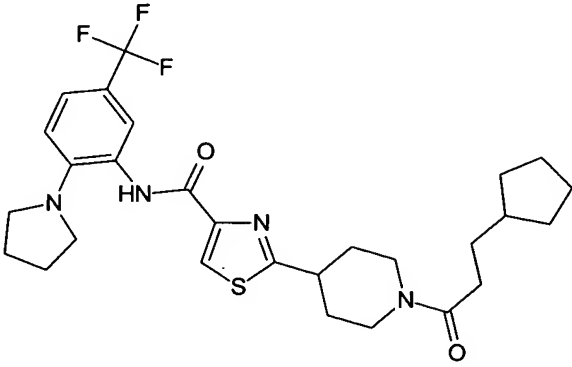
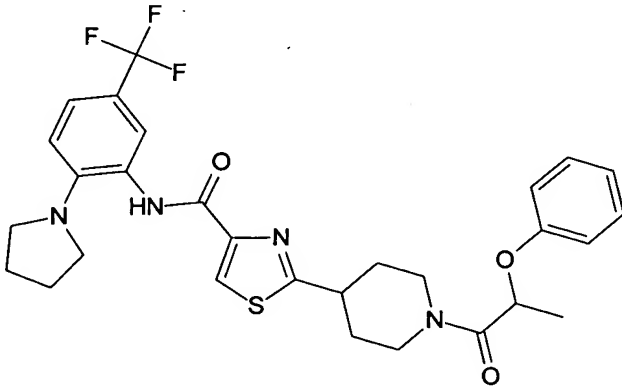
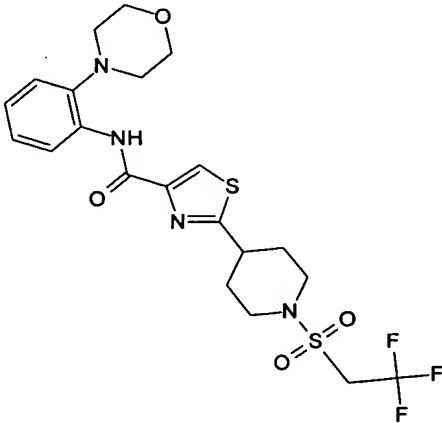
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|-----|--|-------------|
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| 908 |  | |
| 909 |  | |
| 910 |  | |

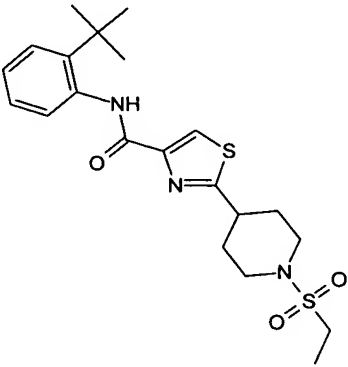
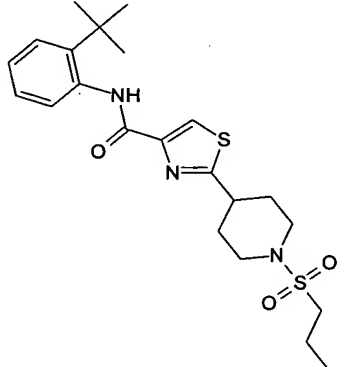
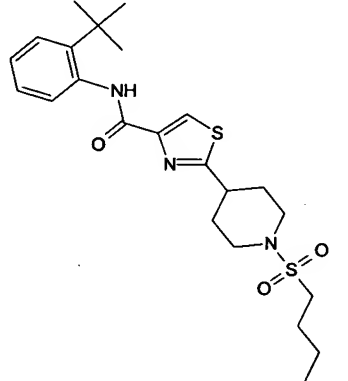
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 911 |  | |
| 912 |  | |
| 913 |  | |
| 914 |  | |

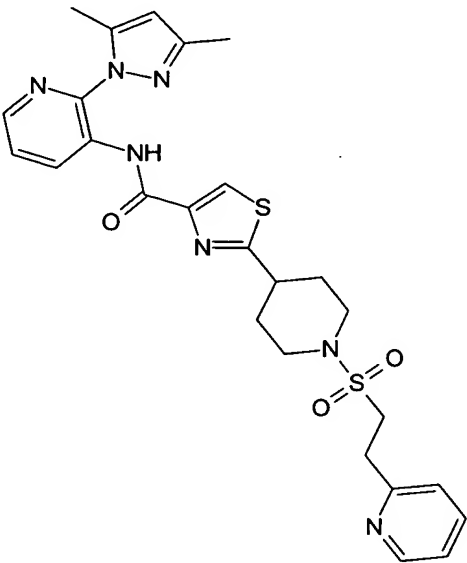
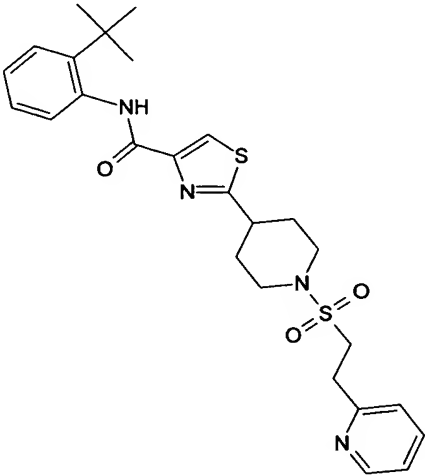
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 915 |  <chem>COc1ccc(NC(=O)c2nc(s2)C3CCN(C3)C(=O)COc4ccc(Cl)cc4)cc1</chem> | |
| 916 |  <chem>Cc1cc(C)n(C1)c2ccc(NC(=O)c3nc(s3)C4CCN(C4)C(=O)COc5ccc(Cl)cc5)cc2</chem> | |
| 917 |  <chem>Clc1ccc(OCC(=O)N2CCCC2c3nc(s3)C(=O)Nc4ccc(C(F)(F)F)cc4N5CCCC5)cc1</chem> | |

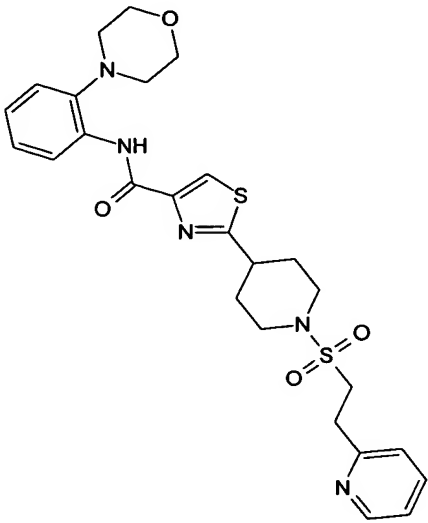
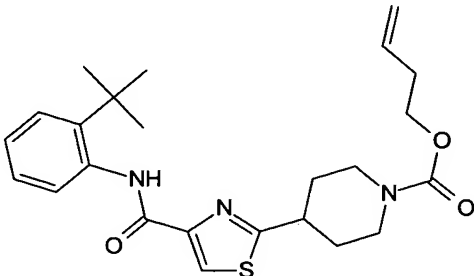
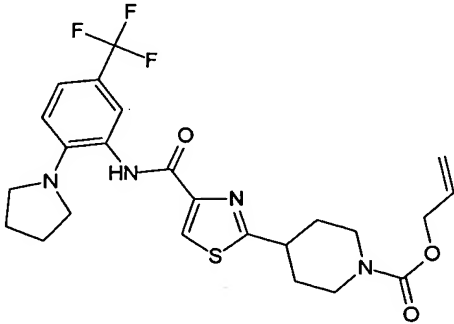
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 918 |  <chem>Clc1ccc(OCC(=O)N2CCCCC2)cc1C3=NC(=C(NC(=O)c4ccccc4N5CCCCC5)S=C3</chem> | |
| 919 |  <chem>Clc1ccc(OCC(=O)N2CCCCC2)cc1C3=NC(=C(NC(=O)c4ccccc4C(C)(C)C)S=C3</chem> | |
| 920 |  <chem>Clc1ccc(OCC(=O)N2CCCCC2)cc1C3=NC(=C(NC(=O)c4ccccc4c5ccccc5)S=C3</chem> | |

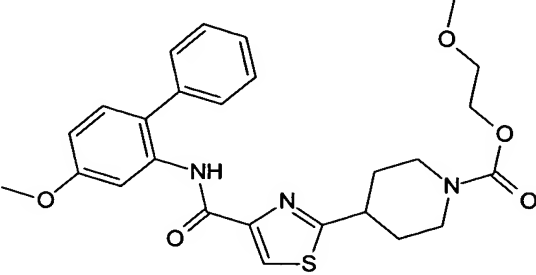
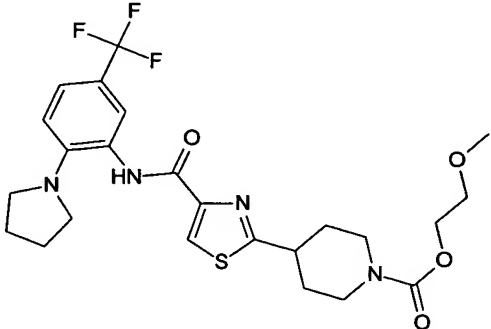
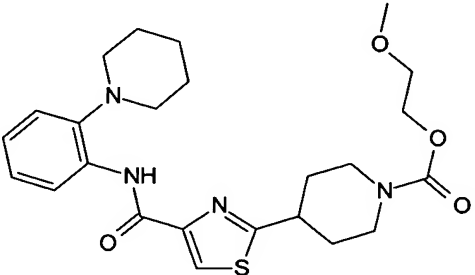
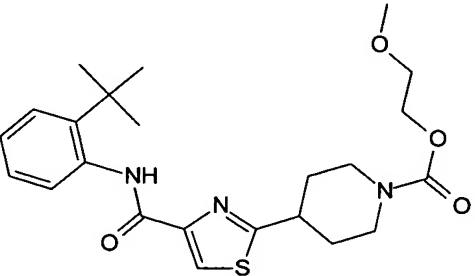
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 921 |  <chem>COCC(=O)N1CCN(CC1)c2nc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)c3ccsc23</chem> | |
| 922 |  <chem>CCC(=O)N1CCN(CC1)c2nc(C(=O)Nc3cc(OC)cc(c3-c4ccccc4)c5ccccc5)c3ccsc23</chem> | |
| 923 |  <chem>CCC(=O)N1CCN(CC1)c2nc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)c3ccsc23</chem> | |

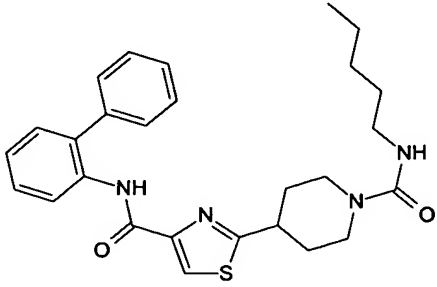
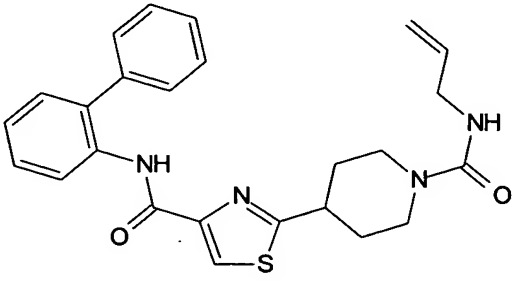
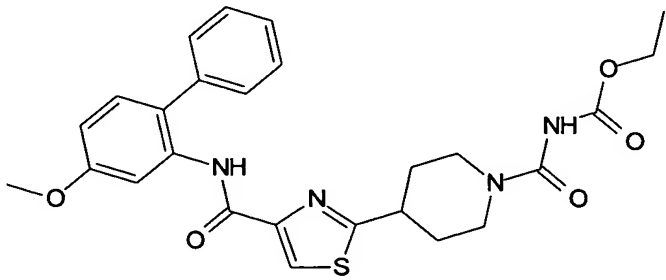
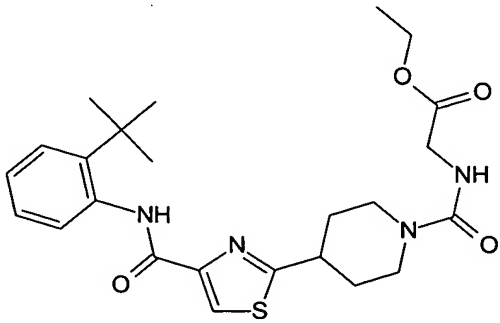
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 924 |  | |
| 925 |  | |
| 926 |  <p data-bbox="310 1793 1219 1850">N-(2-morpholin-4-ylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

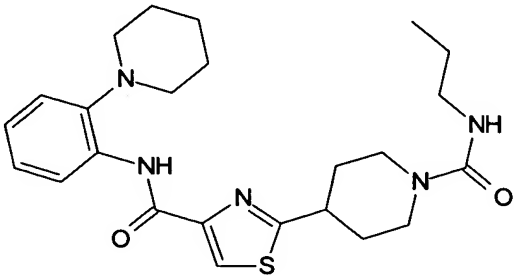
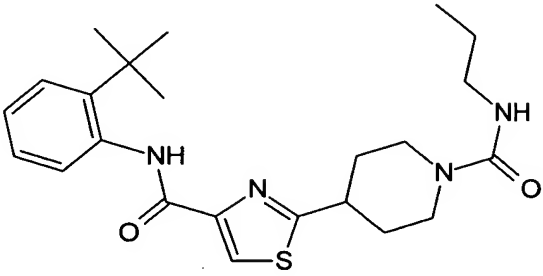
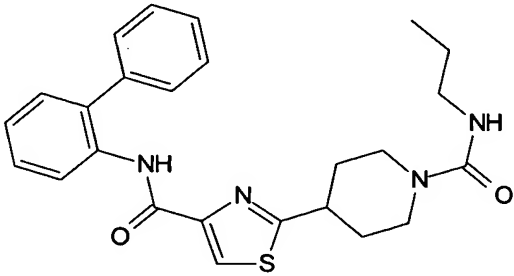
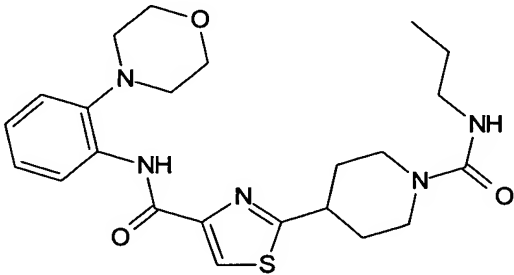
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 927 |  <p data-bbox="310 743 1154 804">N-(2-tert-butylphenyl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 928 |  <p data-bbox="310 1241 1167 1304">N-(2-tert-butylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 929 |  <p data-bbox="310 1751 1151 1812">N-(2-tert-butylphenyl)-2-[1-(butylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

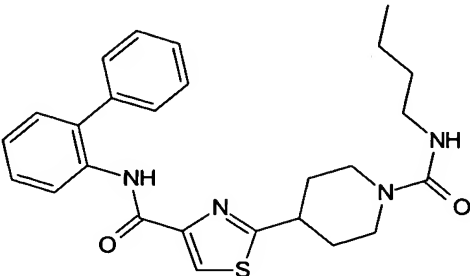
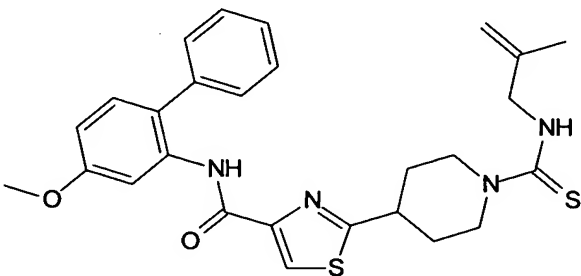
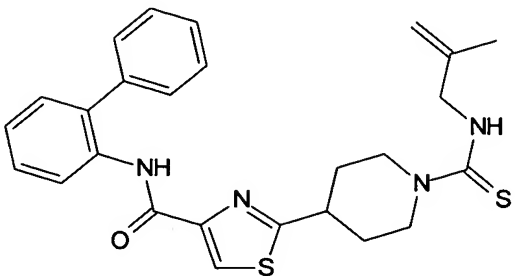
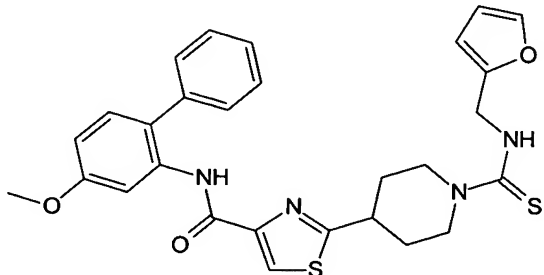
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 930 |  <p data-bbox="310 978 1195 1037">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 931 |  <p data-bbox="310 1623 1203 1682">N-(2-tert-butylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

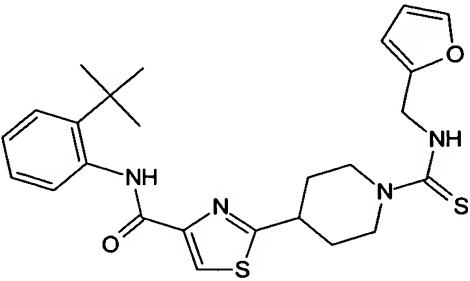
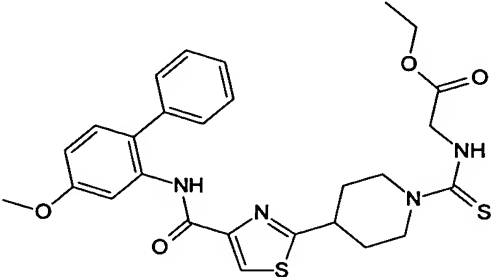
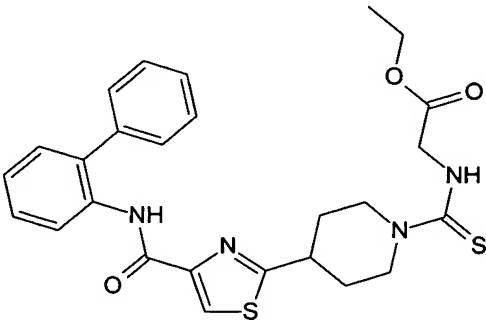
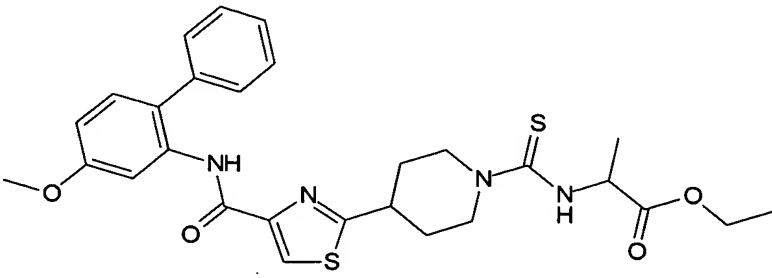
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 932 |  <p data-bbox="313 905 1222 961">N-(2-morpholin-4-ylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 933 |  | |
| 934 |  | |

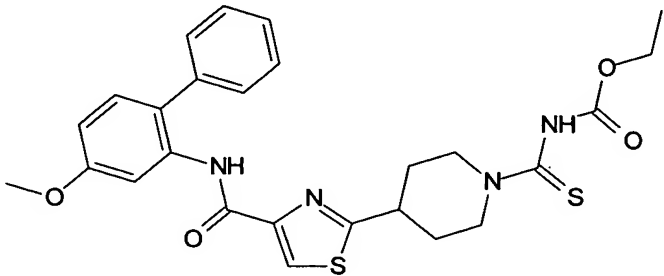
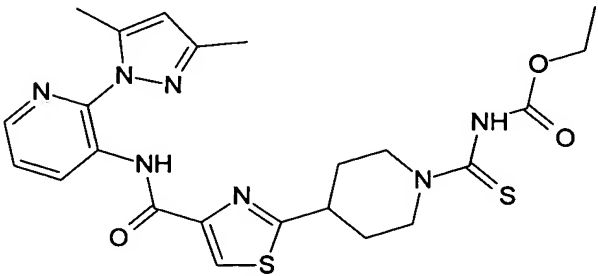
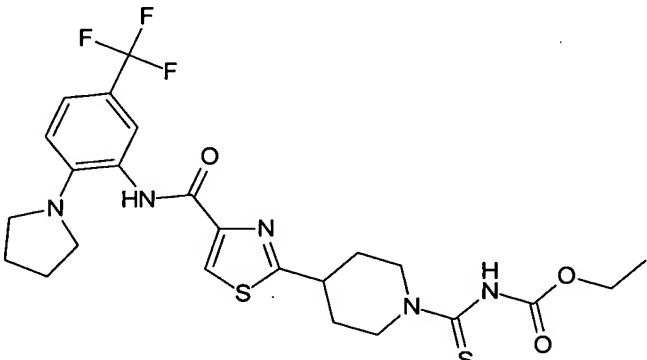
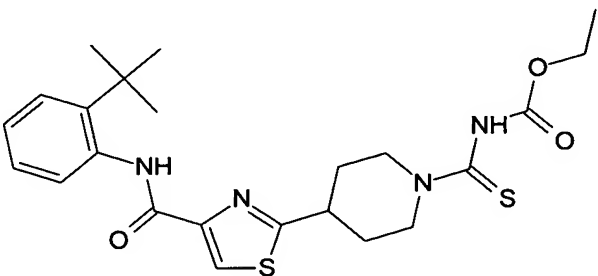
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 935 |  | |
| 936 |  | |
| 937 |  | |
| 938 |  | |

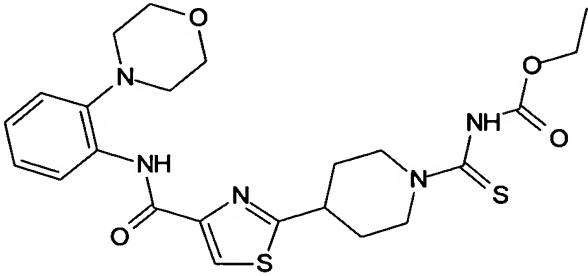
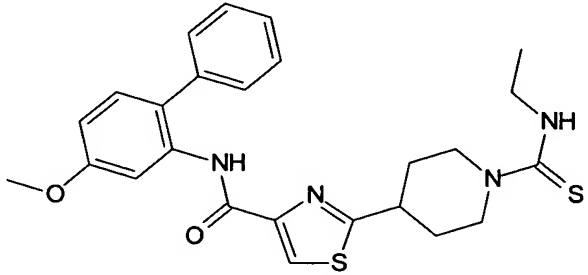
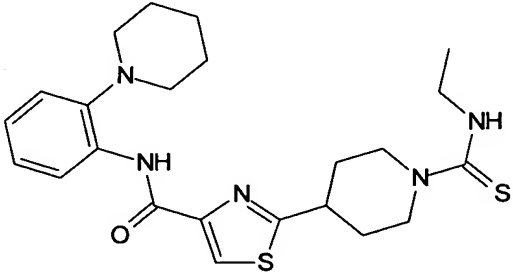
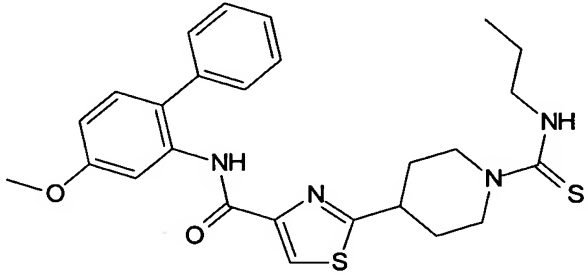
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 939 |  <chem>CCCCNC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3c4ccccc42)s5</chem> | |
| 940 |  <chem>C=CCNC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3c4ccccc42)s5</chem> | |
| 941 |  <chem>CCOC(=O)NC(=O)N1CCCCC1c2nc(C(=O)Nc3ccc(OC)cc3c4ccccc42)s5</chem> | |
| 942 |  <chem>CCOC(=O)NC(=O)N1CCCCC1c2nc(C(=O)Nc3ccccc3C(C)(C)C2)s5</chem> | |

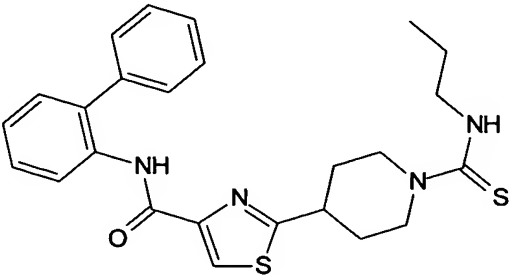
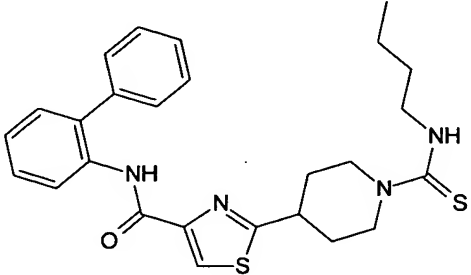
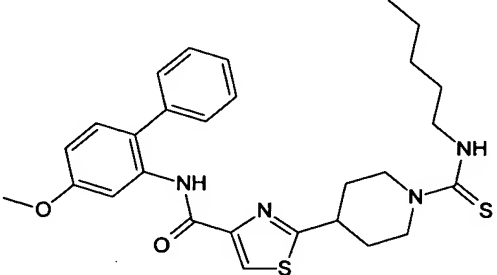
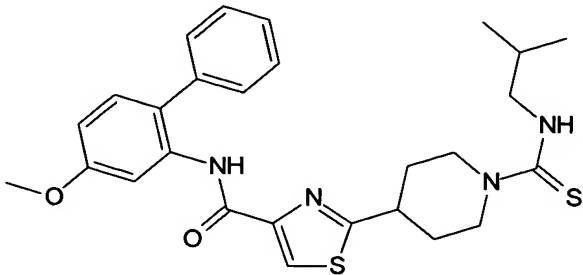
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 943 |  <chem>CCNC(=O)N1CCCCC1c2cc(C(=O)Nc3ccccc3N4CCCCC4)nn2S</chem> | |
| 944 |  <chem>CCNC(=O)N1CCCCC1c2cc(C(=O)Nc3cc(C(C)(C)C)ccc3)nn2S</chem> | |
| 945 |  <chem>CCNC(=O)N1CCCCC1c2cc(C(=O)Nc3cc(ccc3Cc4ccccc4))nn2S</chem> | |
| 946 |  <chem>CCNC(=O)N1CCCCC1c2cc(C(=O)Nc3ccccc3N4CCOCC4)nn2S</chem> | |

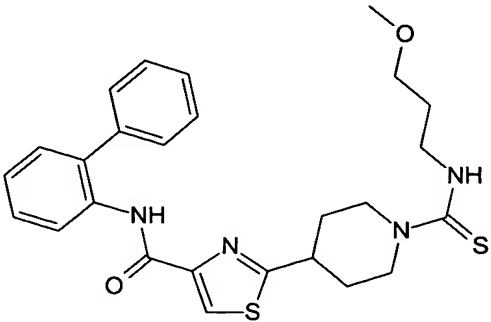
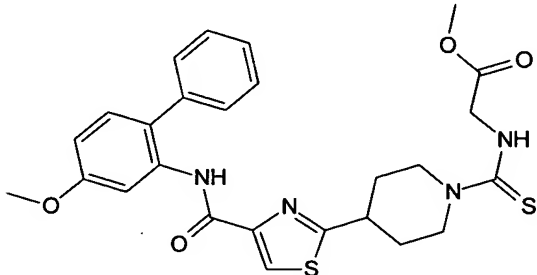
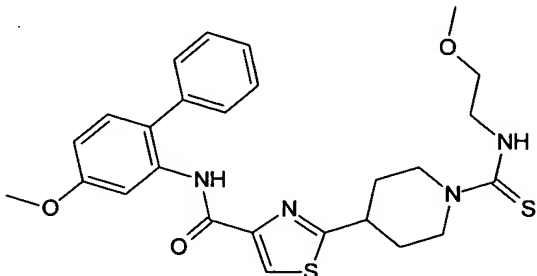
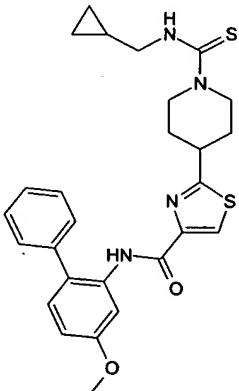
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 947 |  <chem>CCCC(=O)Nc1ccccc1c2ccccc2c3nc(s3)c4ccccc4</chem> | |
| 948 |  <chem>CC(C)CNC(=S)c1ccccc1c2cc(OC)ccc2c3nc(s3)c4ccccc4</chem> | |
| 949 |  <chem>CC(C)CNC(=S)c1ccccc1c2ccccc2c3nc(s3)c4ccccc4</chem> | |
| 950 |  <chem>c1ccoc1CNC(=S)c2ccccc2c3cc(OC)ccc3c4nc(s4)c5ccccc5</chem> | |

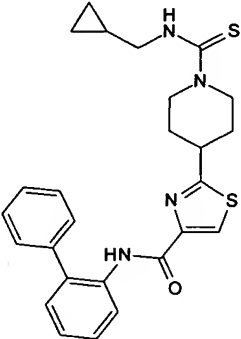
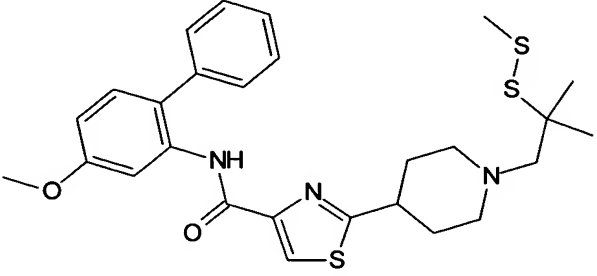
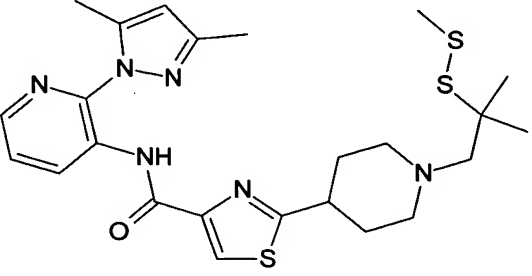
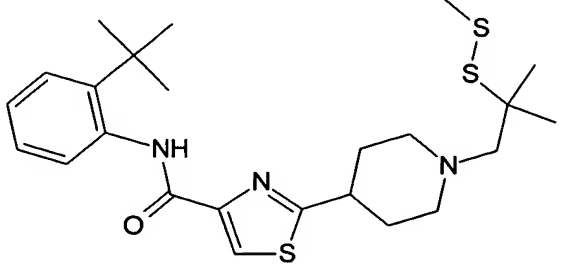
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
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| 952 |  | |
| 953 |  | |
| 954 |  | |

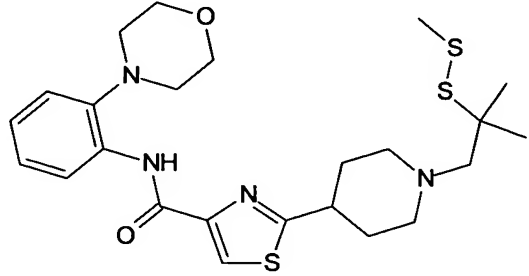
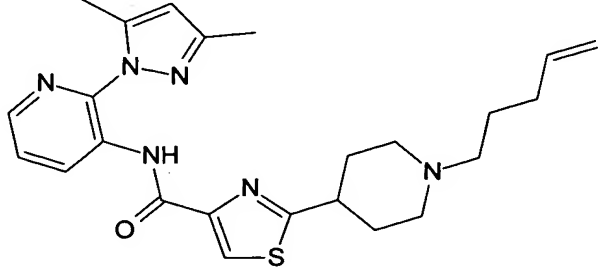
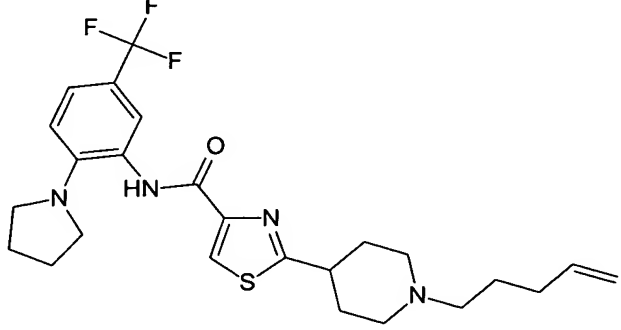
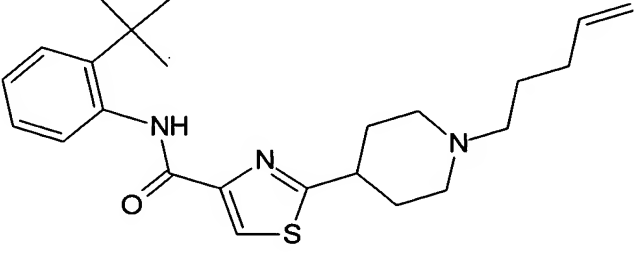
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 955 |  <chem>COc1ccc(NC(=O)c2ccsc2C3CCN(C3)C(=S)NC(=O)OCC)cc1</chem> | |
| 956 |  <chem>CC1=CC=CC=C1N2C=CC(=C2)NC(=O)c3ccsc3C4CCN(C4)C(=S)NC(=O)OCC</chem> | |
| 957 |  <chem>FC(F)(F)c1ccc(NC(=O)c2ccsc2C3CCN(C3)C(=S)NC(=O)OCC)cc1</chem> | |
| 958 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2ccsc2C3CCN(C3)C(=S)NC(=O)OCC</chem> | |

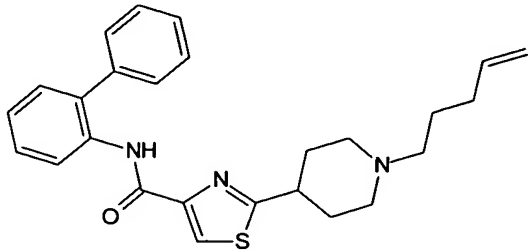
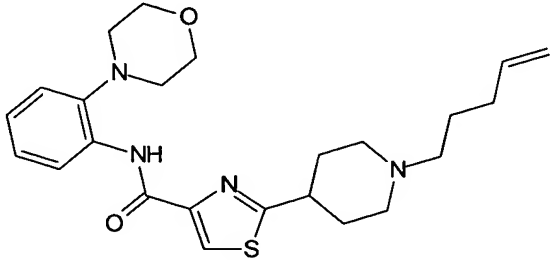
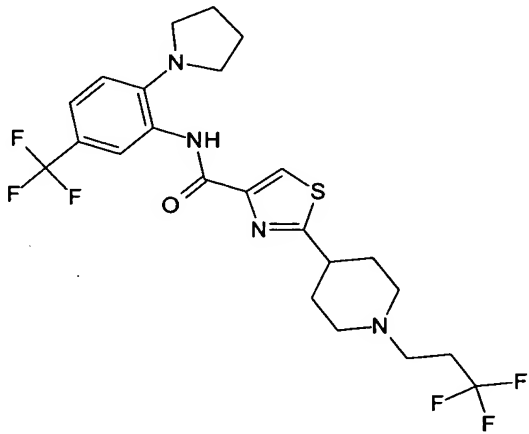
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 959 |  | |
| 960 |  | |
| 961 |  | |
| 962 |  | |

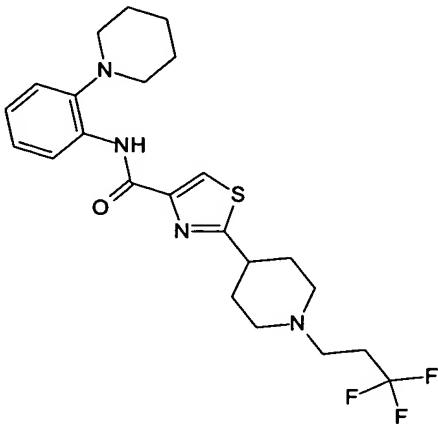
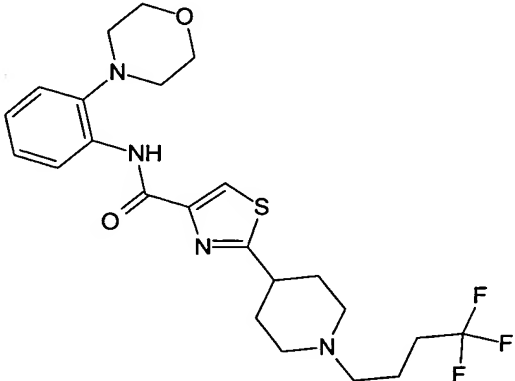
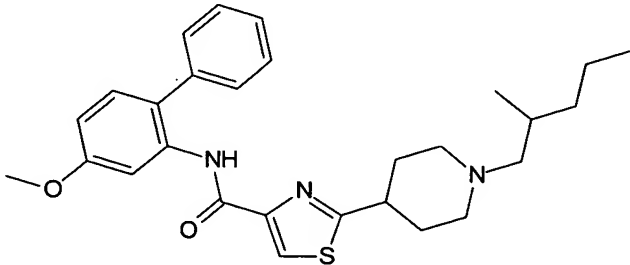
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 963 |  | |
| 964 |  | |
| 965 |  | |
| 966 |  | |

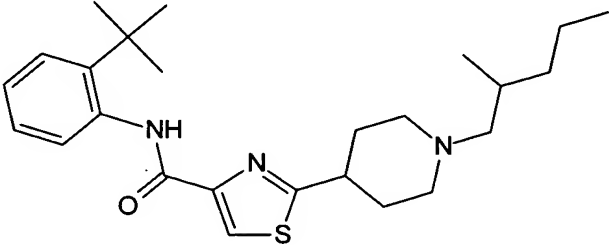
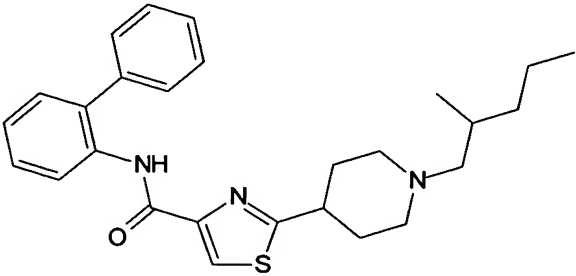
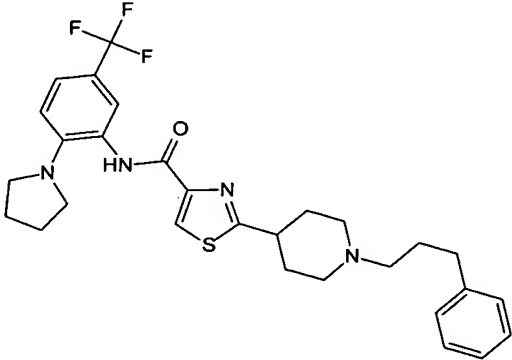
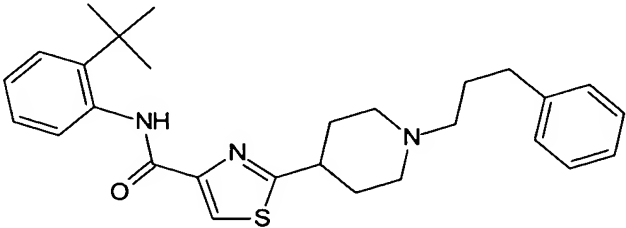
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 967 |  | |
| 968 |  | |
| 969 |  | |
| 970 |  <p data-bbox="310 1793 1227 1852">2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

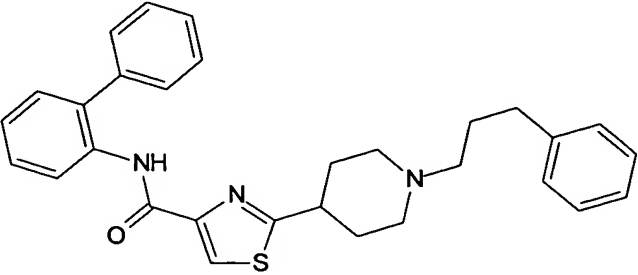
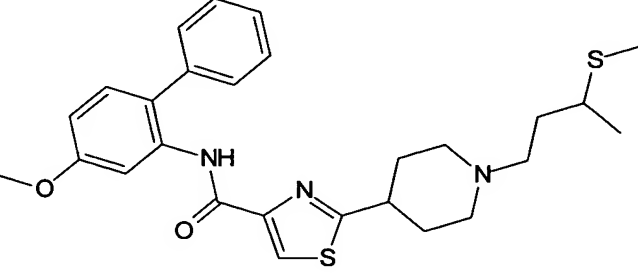
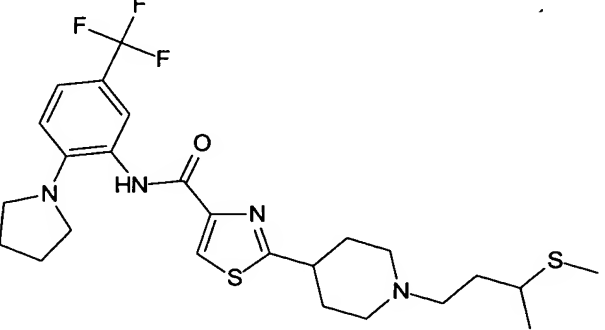
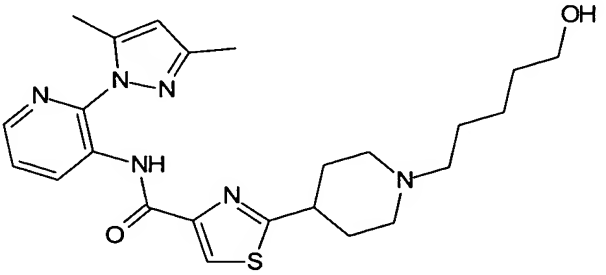
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 971 |  <p>N-biphenyl-2-yl-2-(1-(((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 972 |  | |
| 973 |  | |
| 974 |  | |

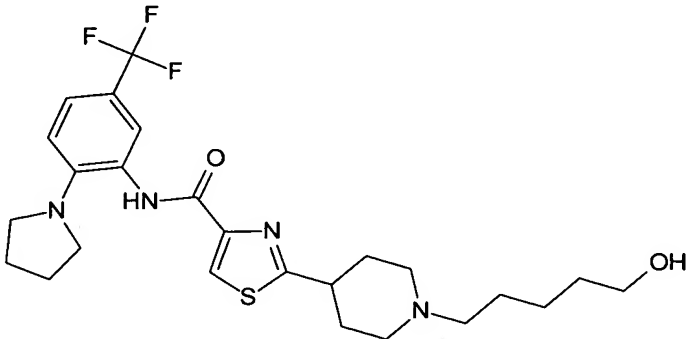
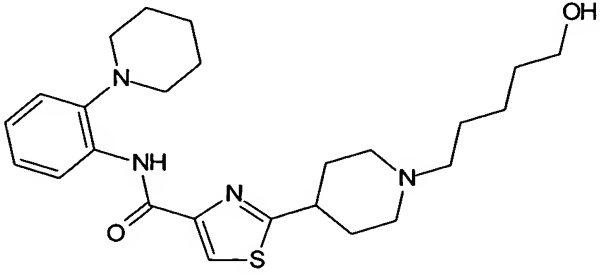
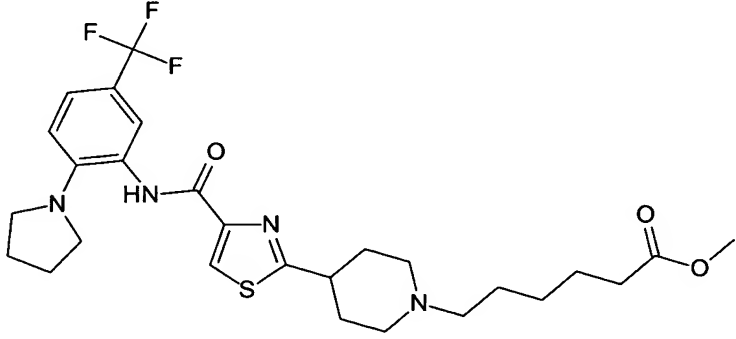
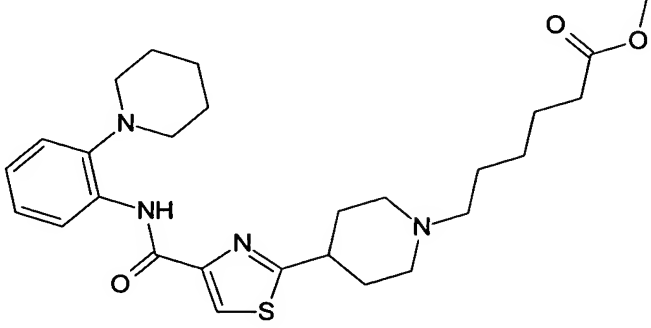
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 975 |  <chem>CC(C)(C)SSCN1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)csc2</chem> | |
| 976 |  <chem>Cc1cc(C)n(C1=CN2C=CC=CC=C2NC(=O)c3ccsc3C4CCN(CCC=C)CC4)c5nccnc5</chem> | |
| 977 |  <chem>C1CCN1c2cc(C(F)(F)F)ccc2NC(=O)c3cc(C4CCN(CCC=C)CC4)scn3</chem> | |
| 978 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2cc(C3CCN(CCC=C)CC3)scn2</chem> | |

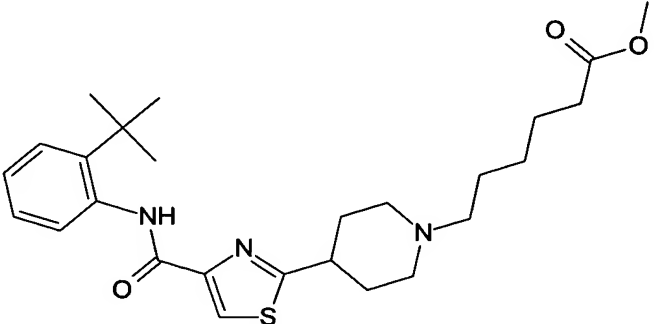
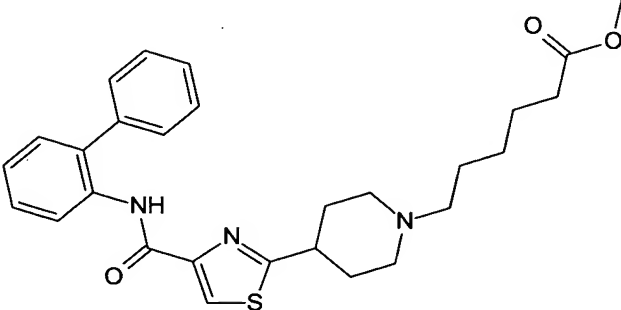
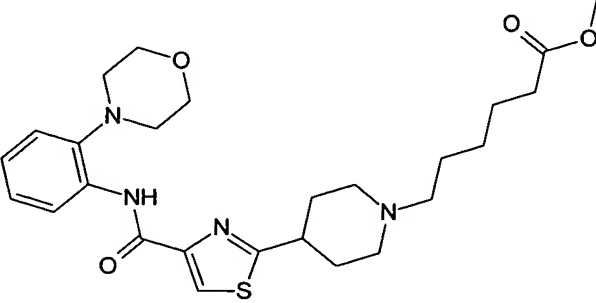
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 979 |  | |
| 980 |  | |
| 981 |  <p data-bbox="310 1440 1175 1499">N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-2-[1-(3,3,3-trifluoropropyl)-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

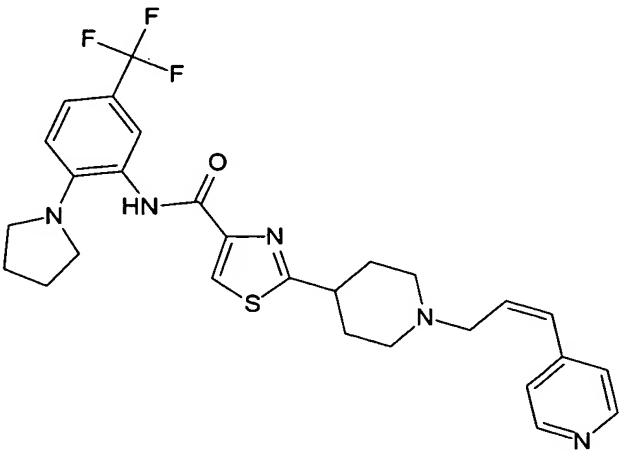
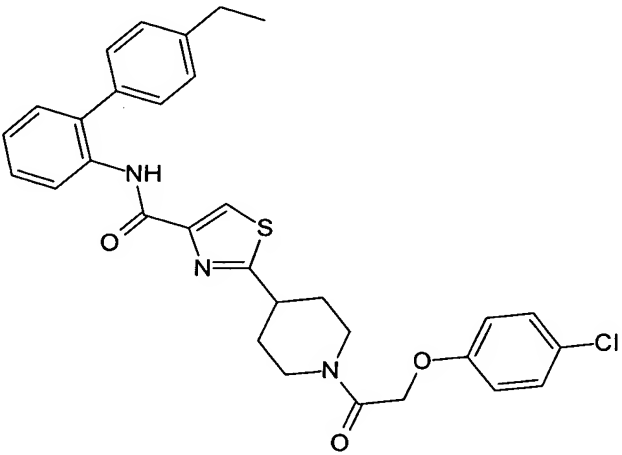
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 982 |  <p>N-(2-piperidin-1-ylphenyl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 983 |  <p>N-(2-morpholin-4-ylphenyl)-2-[1-(4,4,4-trifluorobutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 984 |  | |

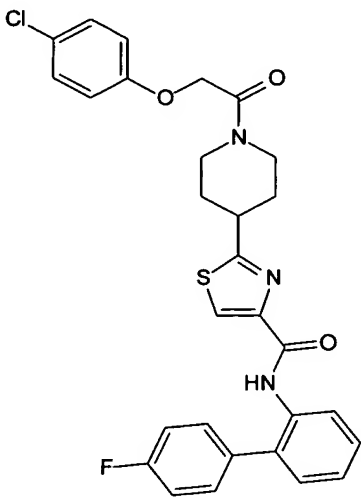
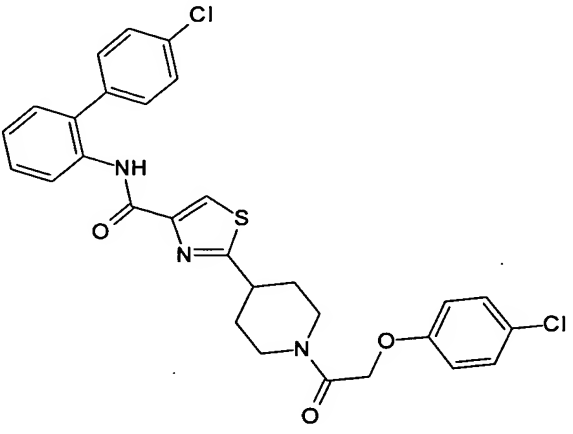
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 985 |  | |
| 986 |  | |
| 987 |  <p data-bbox="311 1386 1198 1449">2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 988 |  | |

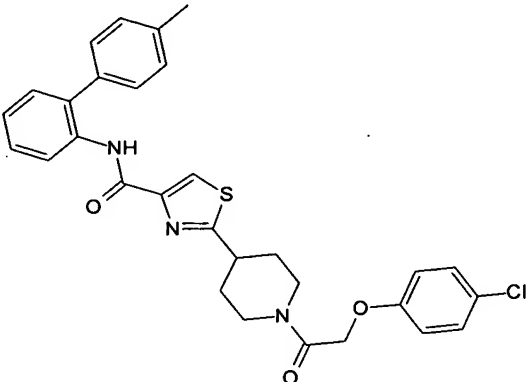
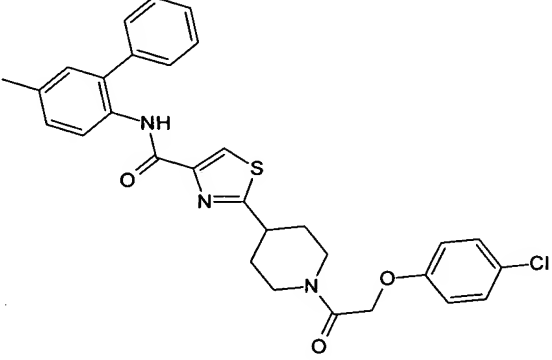
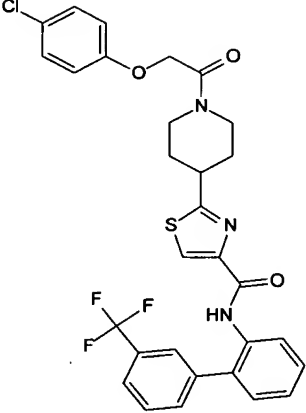
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 989 |  <chem>c1ccc(cc1)-c2ccccc2C(=O)Nc3ccsc3C4CCN(CCc5ccccc5)CC4</chem> | |
| 990 |  <chem>COc1ccc(cc1)-c2ccccc2C(=O)Nc3ccsc3C4CCN(CCc5c(C)cs5)CC4</chem> | |
| 991 |  <chem>C1CCN1C(=O)Nc2cc(C(F)(F)F)ccc2C(=O)Nc3ccsc3C4CCN(CCc5c(C)cs5)CC4</chem> | |
| 992 |  <chem>Cc1cc(C)nnc1C(=O)Nc2ccncc2C(=O)Nc3ccsc3C4CCN(CCc5ccccc5O)CC4</chem> | |

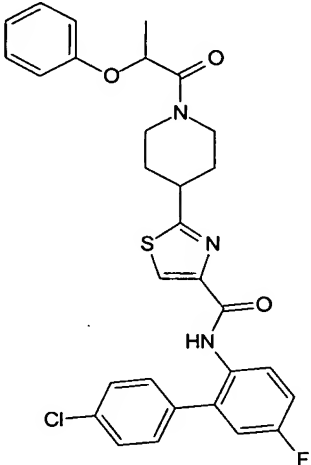
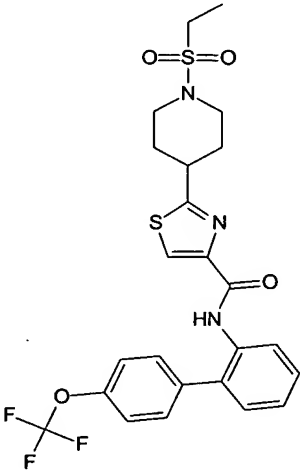
| No. | FORMULA | NMR or mass |
|-----|---|-------------|
| 993 |  <chem>OC(CCN1CCCCC1c2sc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)n2)CCCN1CCCCC1</chem> | |
| 994 |  <chem>OC(CCN1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2)CCCN1CCCCC1</chem> | |
| 995 |  <chem>COC(=O)CCCCN1CCCCC1c2sc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)n2</chem> | |
| 996 |  <chem>COC(=O)CCCCN1CCCCC1c2sc(C(=O)Nc3ccccc3N4CCCCC4)n2</chem> | |

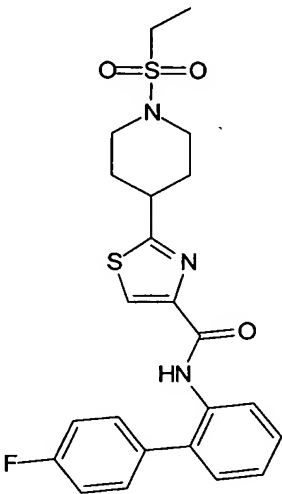
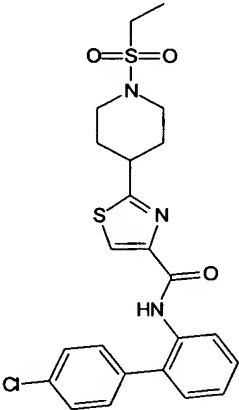
| No. | FORMULA | NMR or mass |
|-----|--|-------------|
| 997 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2cc(sc2C3CCN(CCCCC(=O)OC)CC3)c4ccccc4</chem> | |
| 998 |  <chem>OC(=O)c1ccccc1C2=CC=CC=C2c3cc(sc3C4CCN(CCCCC(=O)OC)CC4)c5ccccc5</chem> | |
| 999 |  <chem>OC(=O)c1ccc(N2CCOCC2)cc1C3=CC=CC=C3c4cc(sc4C5CCN(CCCCC(=O)OC)CC5)c6ccccc6</chem> | |

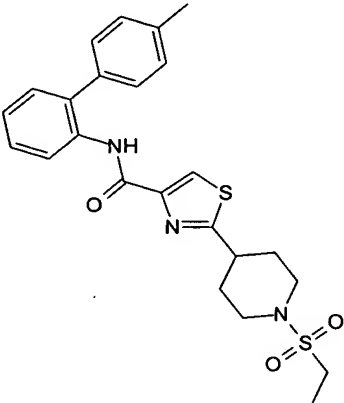
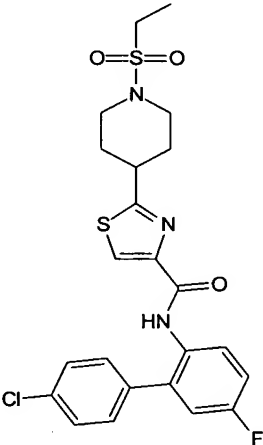
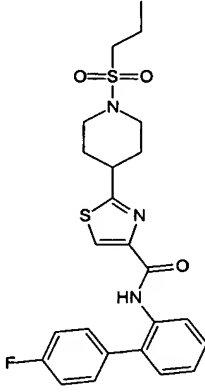
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1000 |  <p>2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1001 |  <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

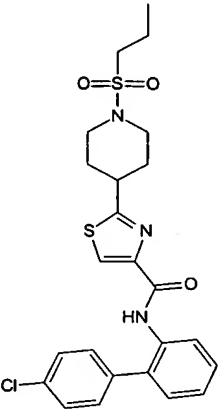
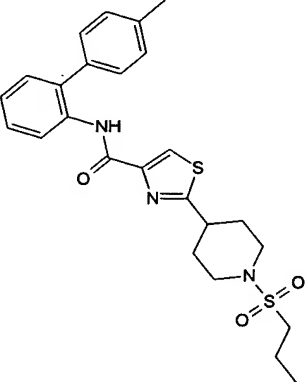
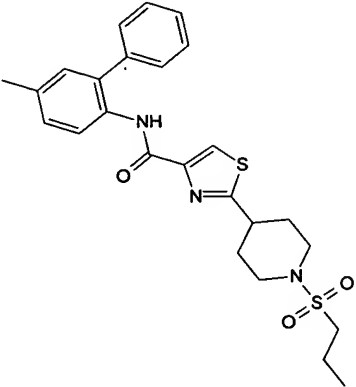
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1002 |  <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1003 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

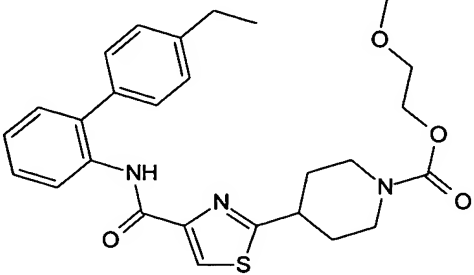
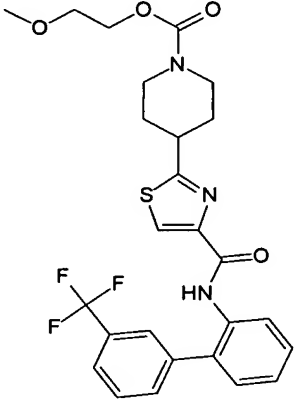
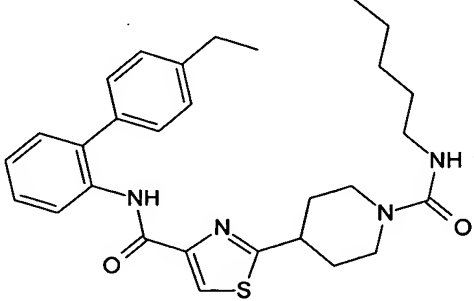
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1004 |  <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1005 |  <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1006 |  <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

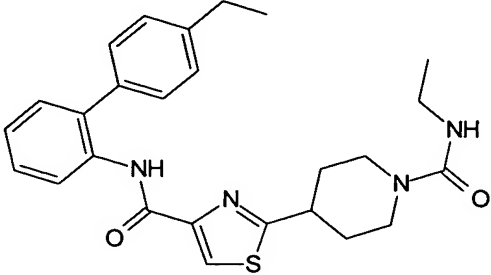
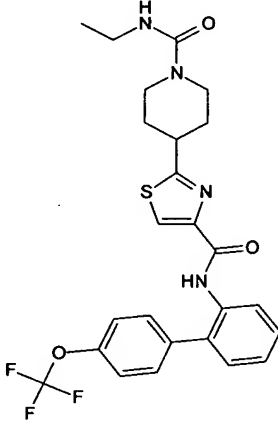
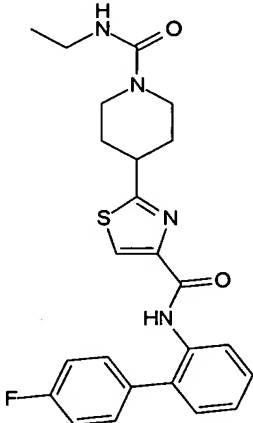
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1007 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1008 |  <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

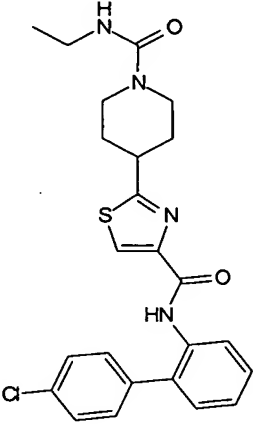
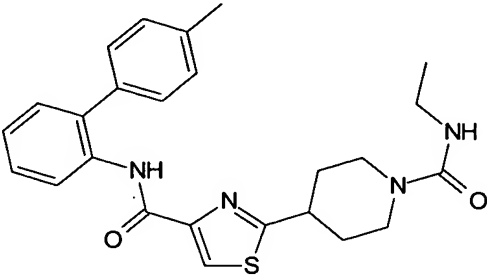
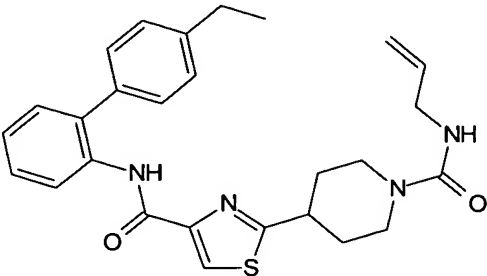
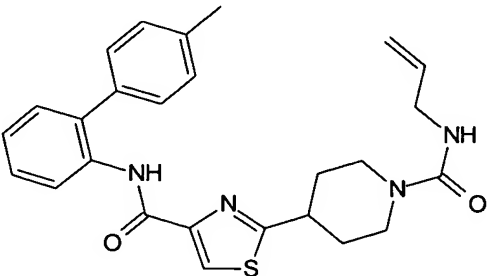
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1009 |  <p data-bbox="310 909 1195 968">2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1010 |  <p data-bbox="310 1488 1195 1547">N-(4'-chlorobiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

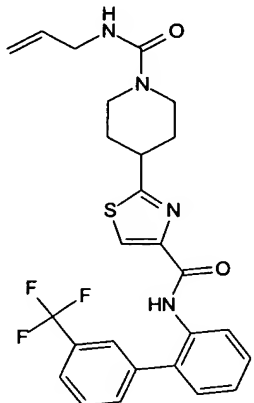
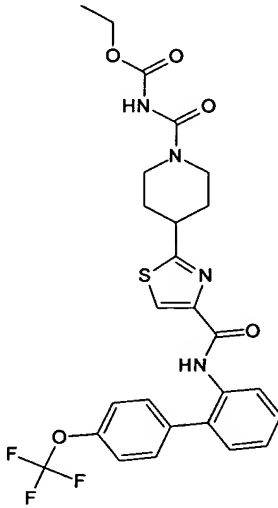
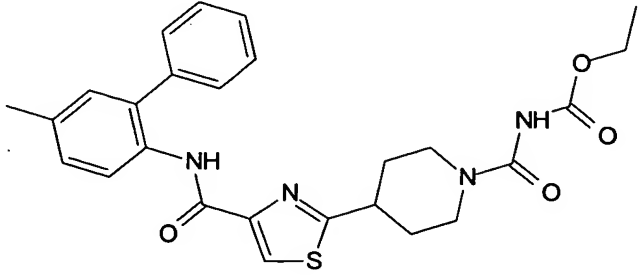
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1011 |  <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1012 |  <p>N-(4-chlorobiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1013 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

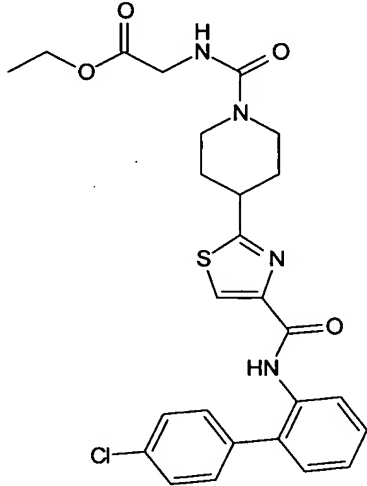
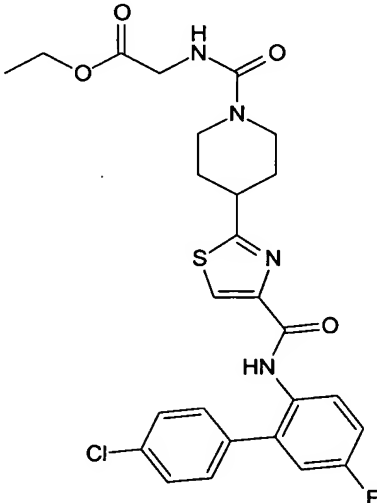
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1014 |  <p data-bbox="313 787 1218 846">N-(4'-chlorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1015 |  <p data-bbox="313 1281 1218 1339">N-(4'-methylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1016 |  <p data-bbox="313 1795 1218 1854">N-(5-methylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

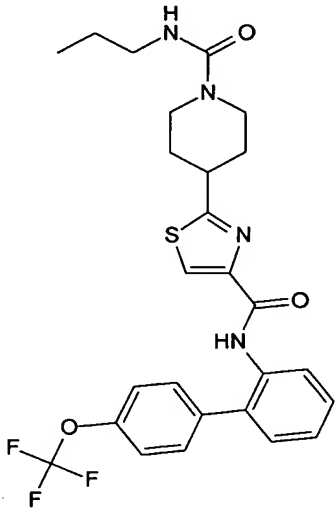
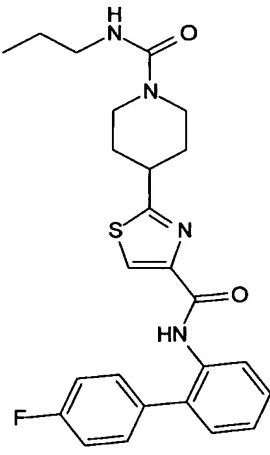
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1017 |  | |
| 1018 |  <p data-bbox="313 1123 1226 1186">2-methoxyethyl 4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p> | |
| 1019 |  | |

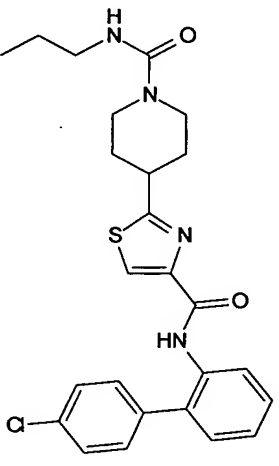
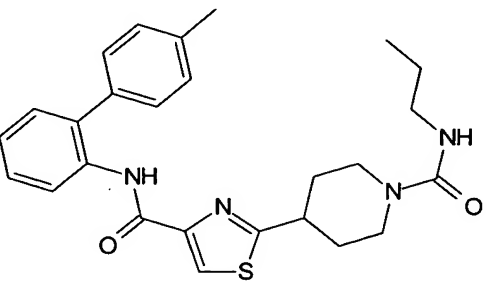
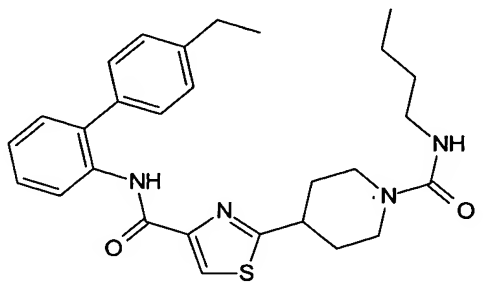
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1020 |  | |
| 1021 |  <p data-bbox="310 1171 1146 1224">N-ethyl-4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 1022 |  <p data-bbox="310 1728 1154 1780">N-ethyl-4-(4-({[4'-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p> | |

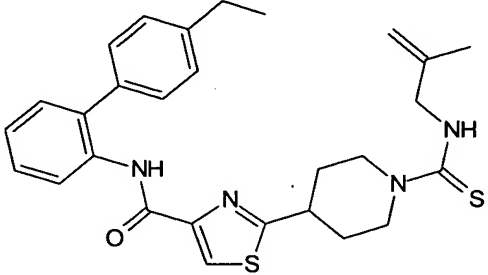
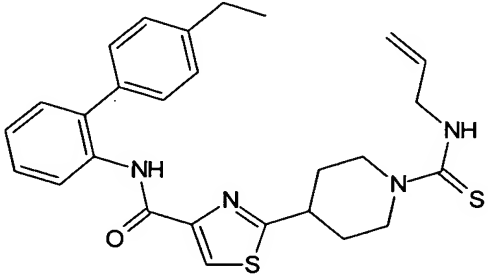
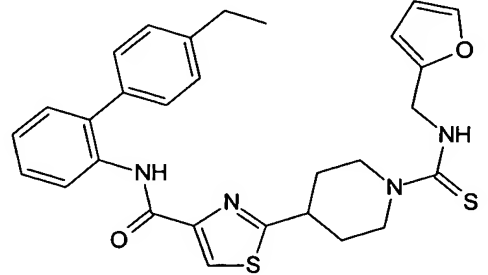
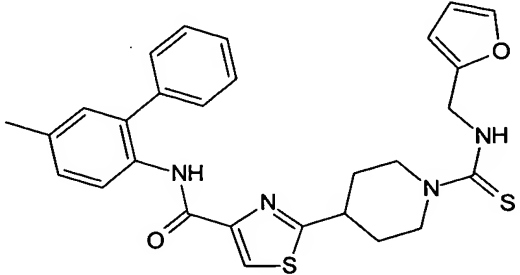
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1023 |  <p>4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-N-ethylpiperidine-1-carboxamide</p> | |
| 1024 |  | |
| 1025 |  | |
| 1026 |  | |

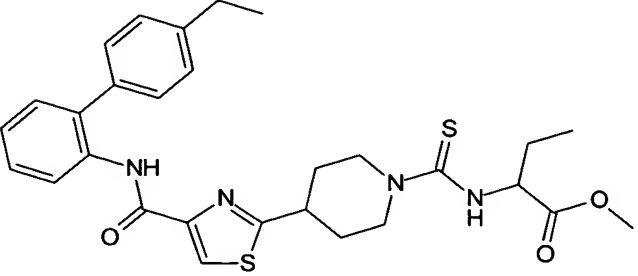
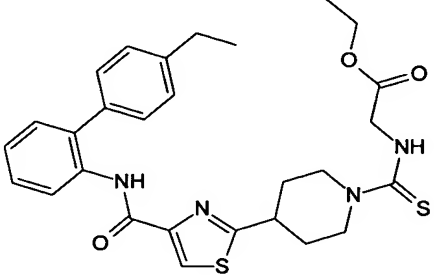
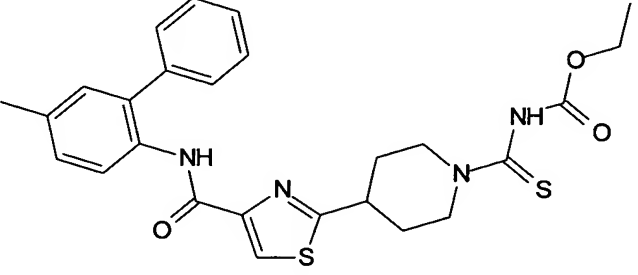
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1027 |  <p>N-allyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 1028 |  <p>ethyl ({4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonyl)carbamate</p> | |
| 1029 |  | |

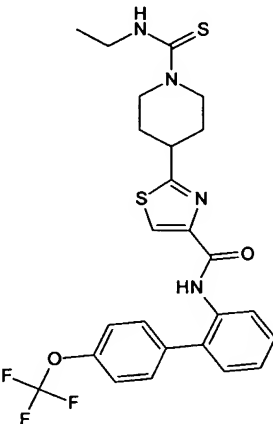
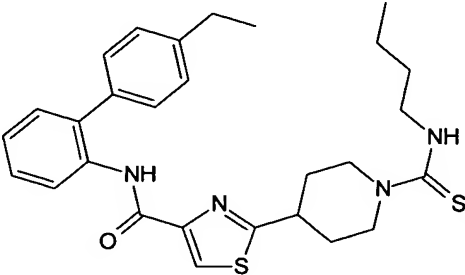
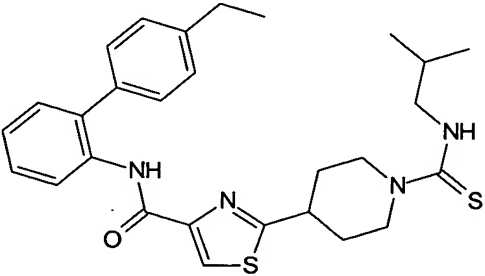
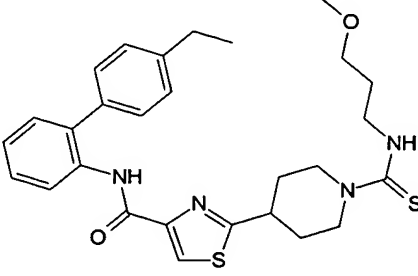
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1030 |  <p>ethyl N-([4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl]glycinate</p> | |
| 1031 |  <p>ethyl N-([4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl)carbonyl]glycinate</p> | |

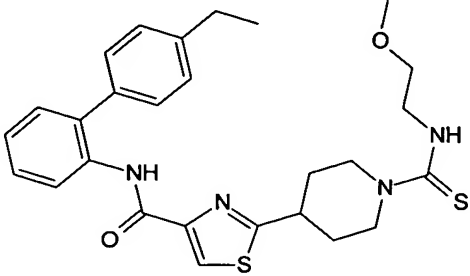
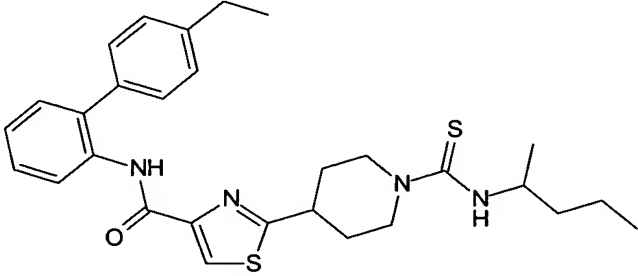
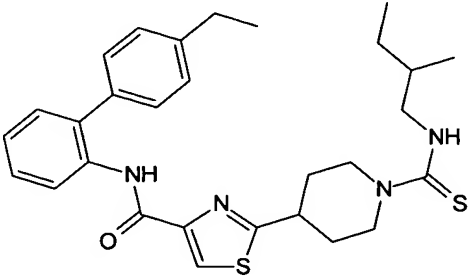
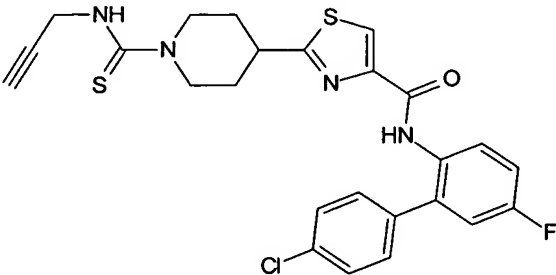
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1032 |  <p data-bbox="316 882 1161 945">N-propyl-4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 1033 |  <p data-bbox="316 1522 1161 1585">4-(4-{{(4'-fluorobiphenyl-2-yl)amino}carbonyl}-1,3-thiazol-2-yl)-N-propylpiperidine-1-carboxamide</p> | |

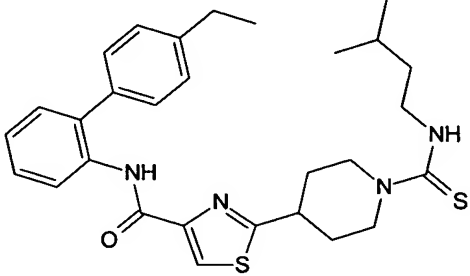
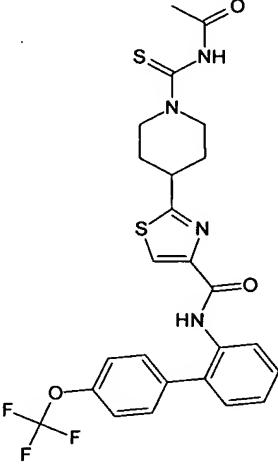
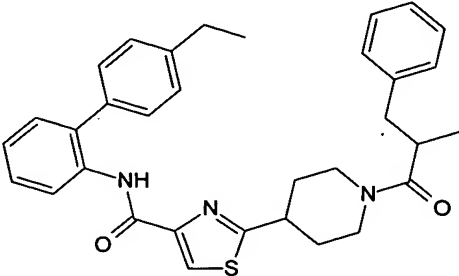
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1034 |  <p>4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)-N-propylpiperidine-1-carboxamide</p> | |
| 1035 |  | |
| 1036 |  | |

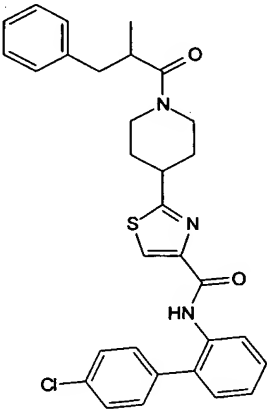
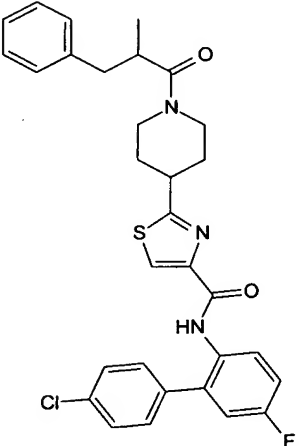
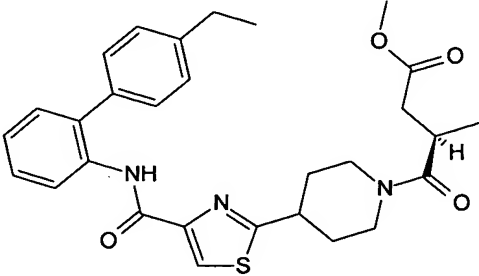
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1037 |  | |
| 1038 |  | |
| 1039 |  | |
| 1040 |  | |

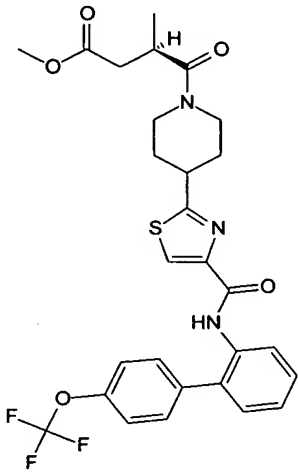
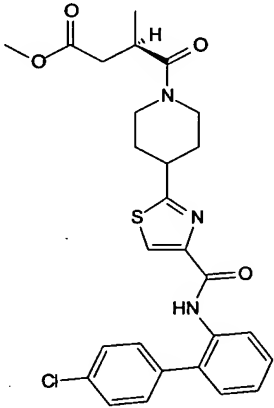
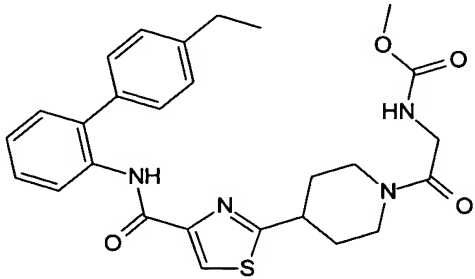
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1041 |  | |
| 1042 |  | |
| 1043 |  | |

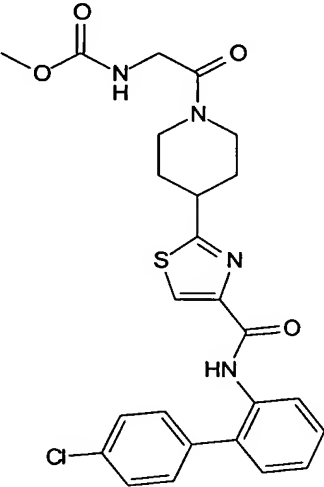
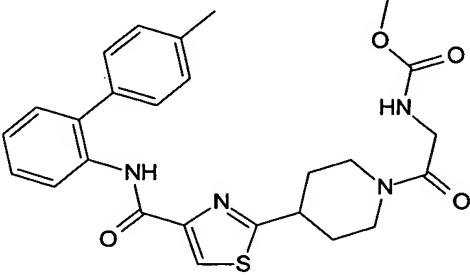
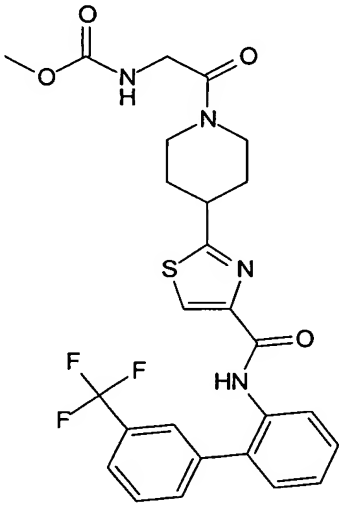
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1044 |  <p>2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1045 |  <p>2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[4-(4-ethylphenyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1046 |  <p>2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-N-[4-(4-ethylphenyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1047 |  <p>2-{1-[(3-methoxypropylamino)carbonothioyl]piperidin-4-yl}-N-[4-(4-ethylphenyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |

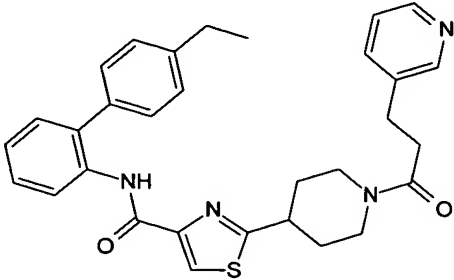
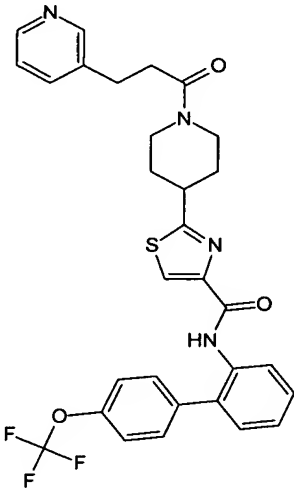
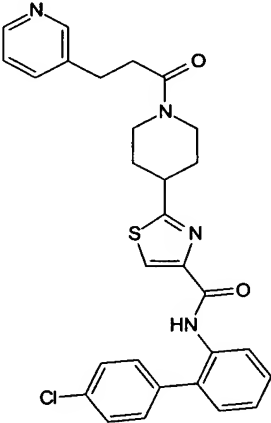
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1048 |  | |
| 1049 |  | |
| 1050 |  | |
| 1051 |  | |

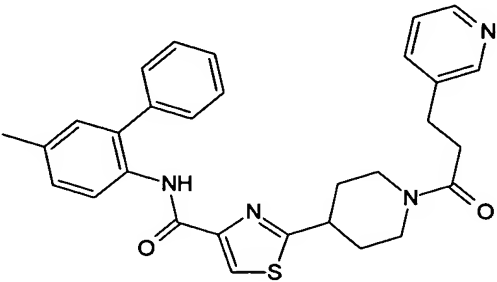
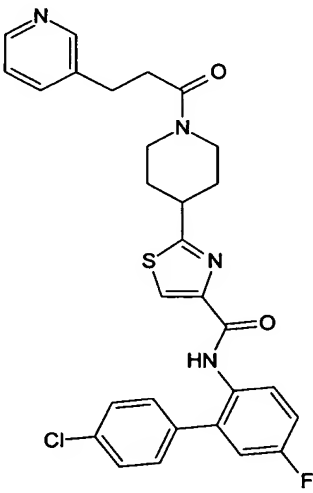
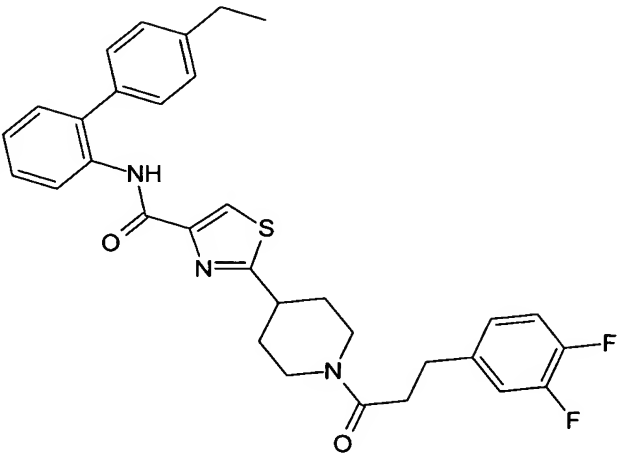
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1052 |  | |
| 1053 |  <p data-bbox="310 1171 1174 1230">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1054 |  | |

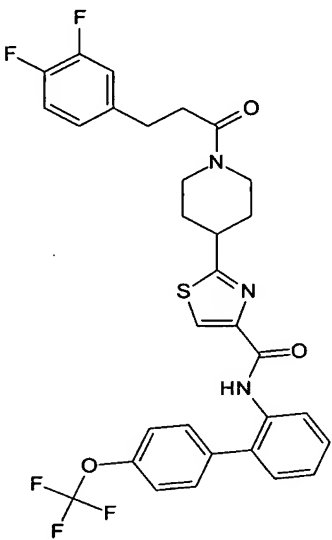
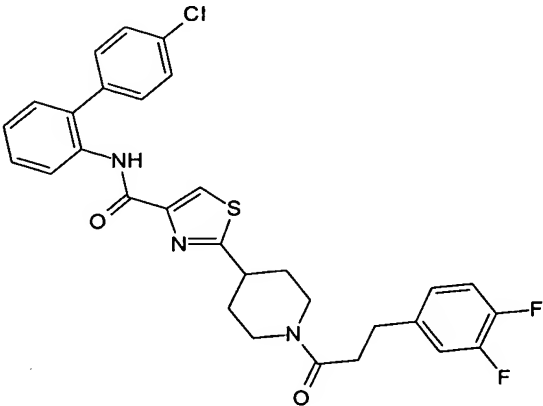
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1055 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1056 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1057 |  | |

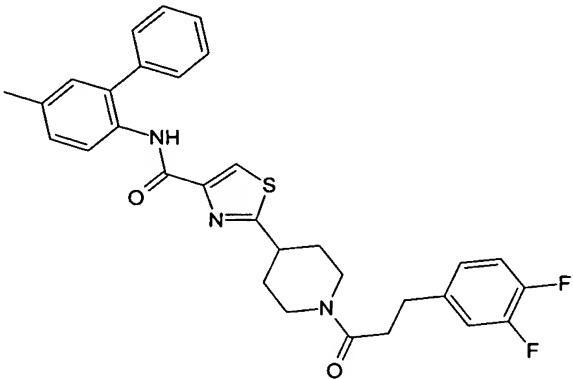
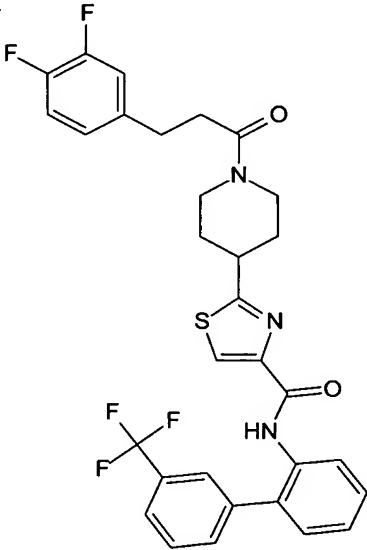
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1058 |  <p data-bbox="310 835 1182 898">methyl (3R)-3-methyl-4-oxo-4-{4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]-amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p> | |
| 1059 |  <p data-bbox="310 1392 1206 1455">methyl (3R)-4-[4-(4-({[4'-chlorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl]-3-methyl-4-oxobutanoate</p> | |
| 1060 |  | |

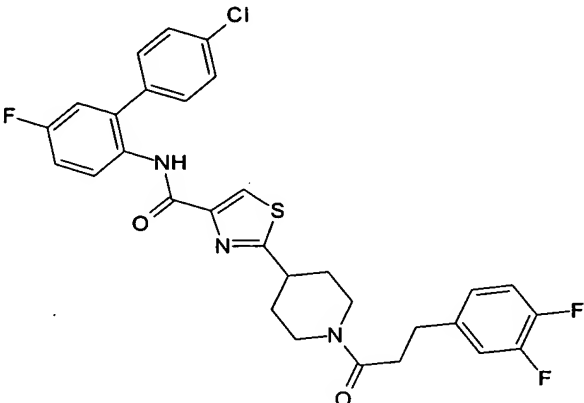
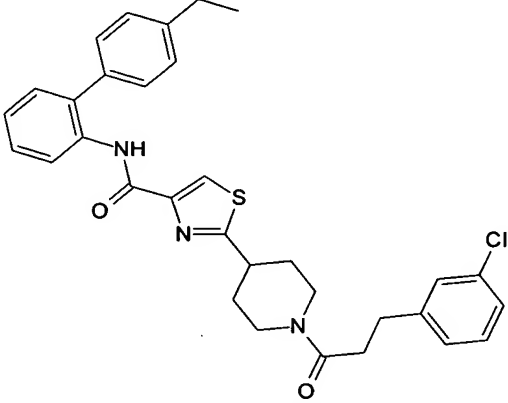
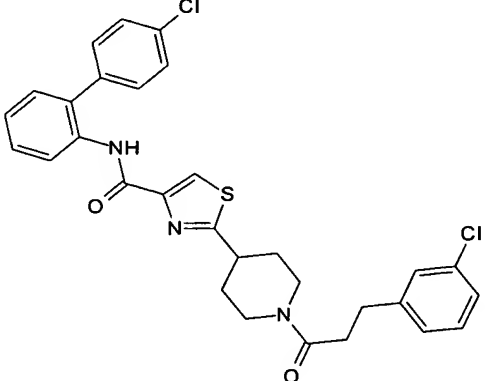
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|------|---|-------------|
| 1061 |  | |
| 1062 |  | |
| 1063 |  | |

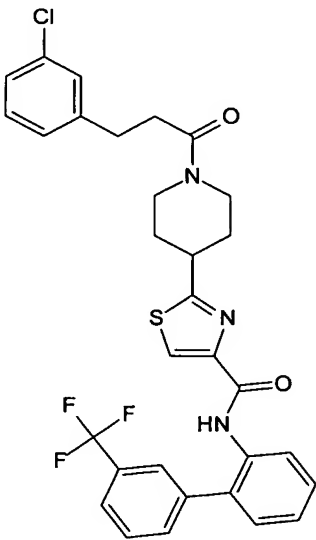
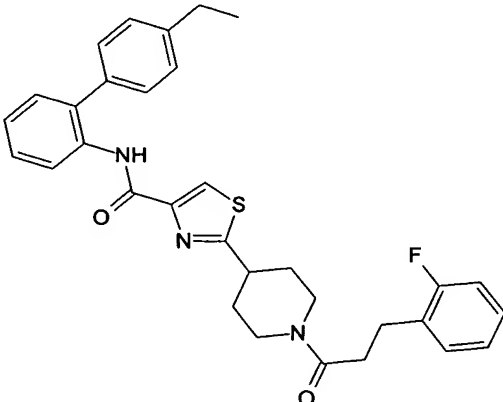
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1064 |  | |
| 1065 |  <p data-bbox="310 1213 1230 1276">2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1066 |  <p data-bbox="310 1797 1198 1856">N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

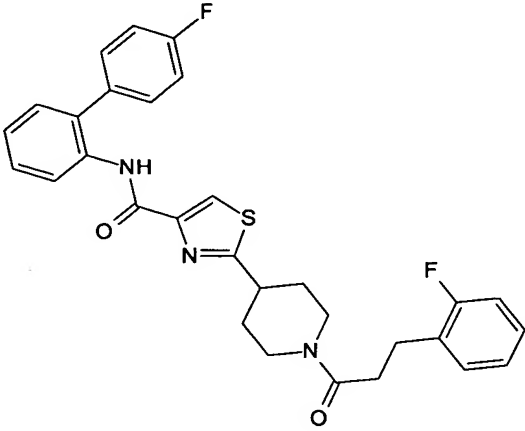
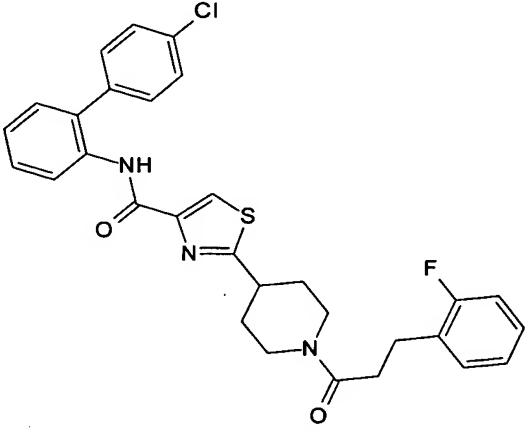
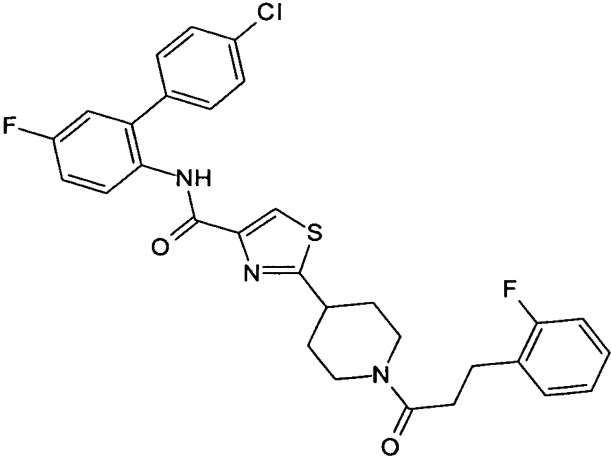
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|------|---|-------------|
| 1067 |  | |
| 1068 |  <p data-bbox="305 1220 1218 1276">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1069 |  | |

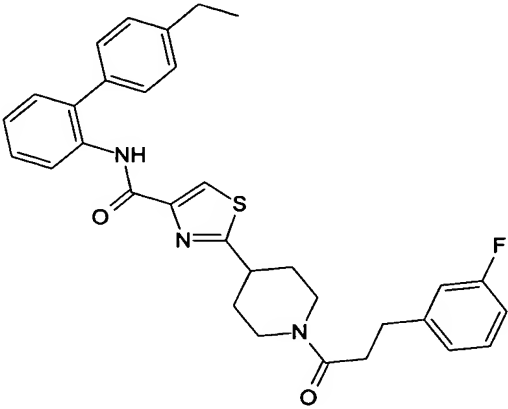
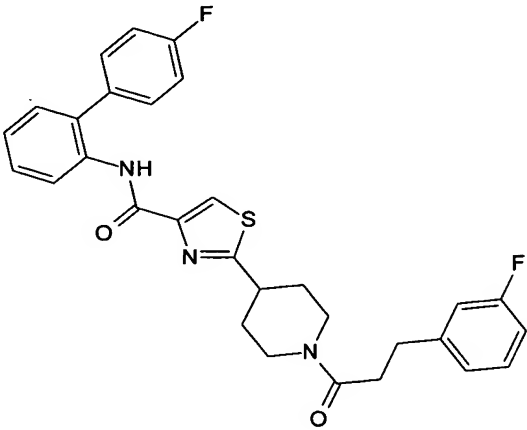
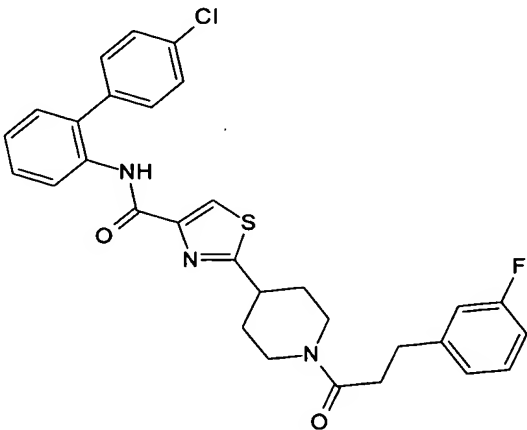
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1070 |  <p>2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1071 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

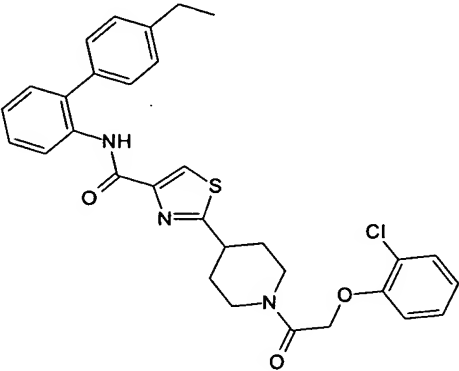
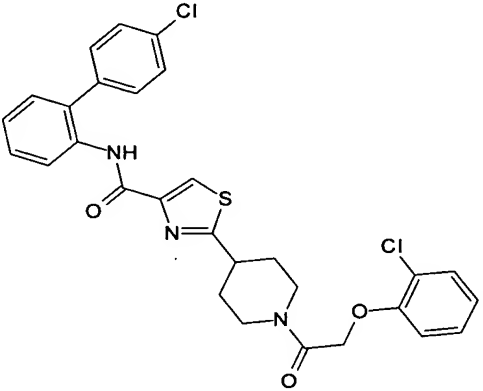
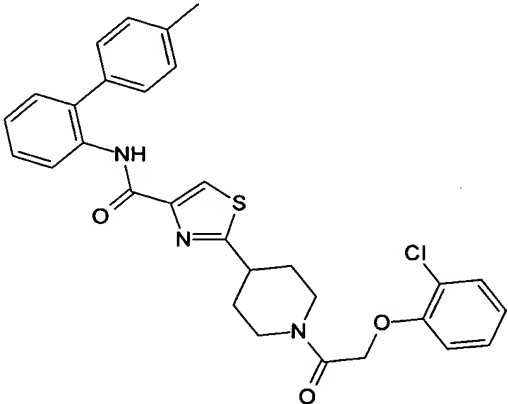
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1072 |  <p>2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1073 |  <p>2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

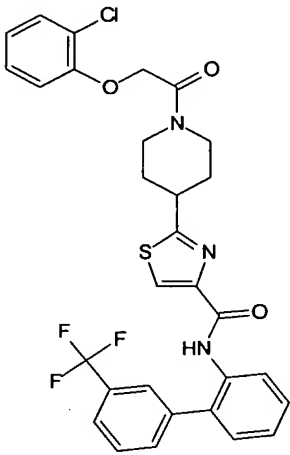
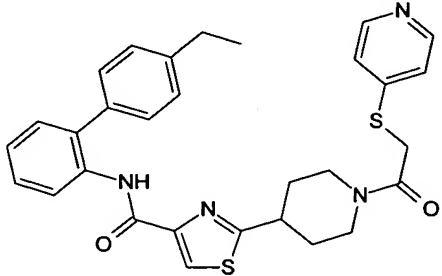
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1074 |  <p data-bbox="310 766 1190 821">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1075 |  <p data-bbox="310 1285 1198 1339">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1076 |  <p data-bbox="310 1789 1214 1839">N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

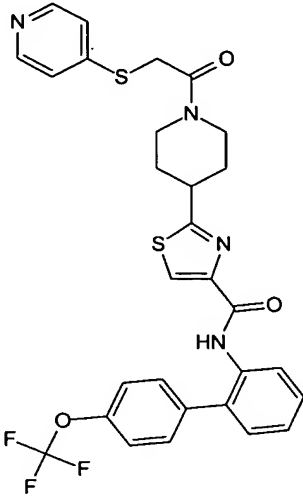
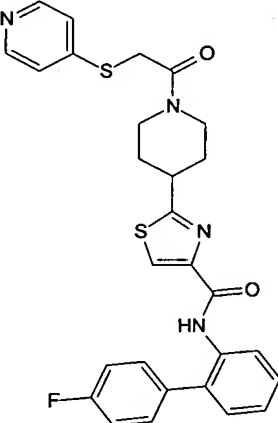
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1077 |  <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1078 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

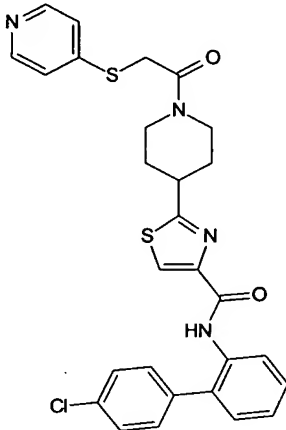
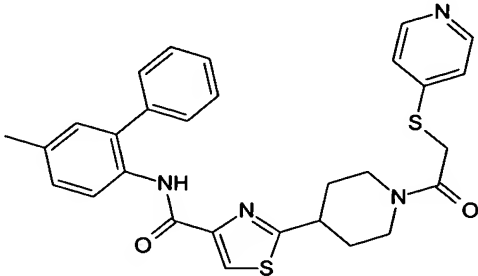
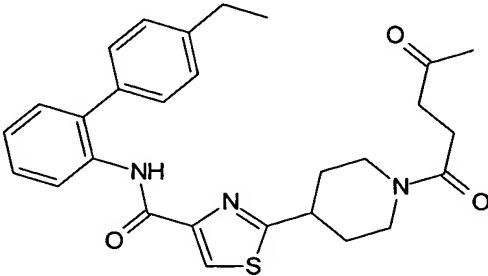
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1079 |  <chem>Fc1ccc(cc1)-c2ccccc2NC(=O)c3nc(s3)C4CCN(CC4)C(=O)CCc5ccccc5F</chem> | |
| 1080 |  <chem>Clc1ccc(cc1)-c2ccccc2NC(=O)c3nc(s3)C4CCN(CC4)C(=O)CCc5ccccc5F</chem> | |
| 1081 |  <chem>Clc1ccc(cc1)-c2cc(F)ccc2NC(=O)c3nc(s3)C4CCN(CC4)C(=O)CCc5ccccc5F</chem> | |

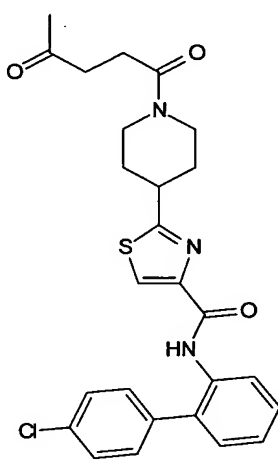
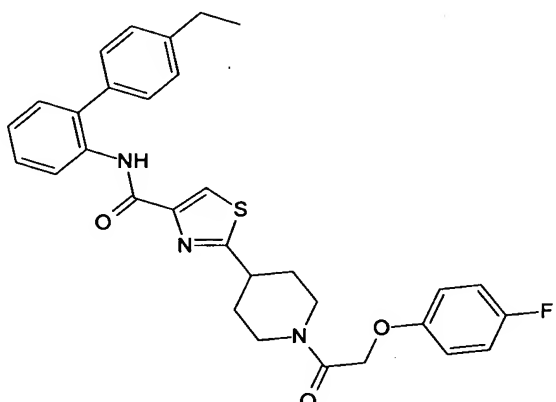
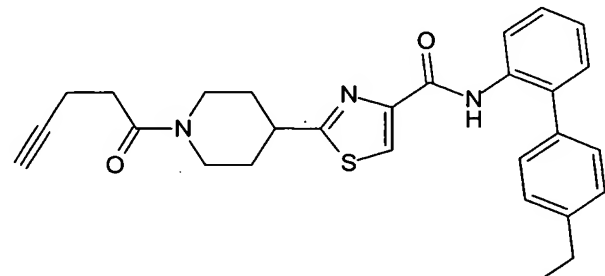
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1082 |  <chem>CCc1ccc(NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(F)cc4)cc1</chem> | |
| 1083 |  <chem>Fc1ccc(NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(F)cc4)cc1</chem> | |
| 1084 |  <chem>Clc1ccc(NC(=O)c2nc(s2)C3CCN(C3)C(=O)CCc4ccc(F)cc4)cc1</chem> | |

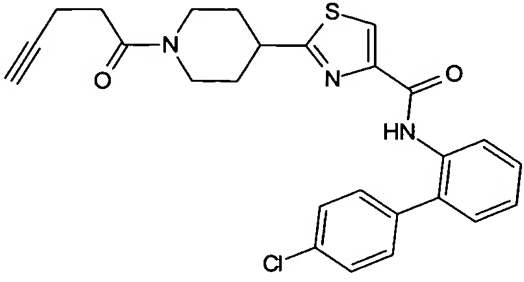
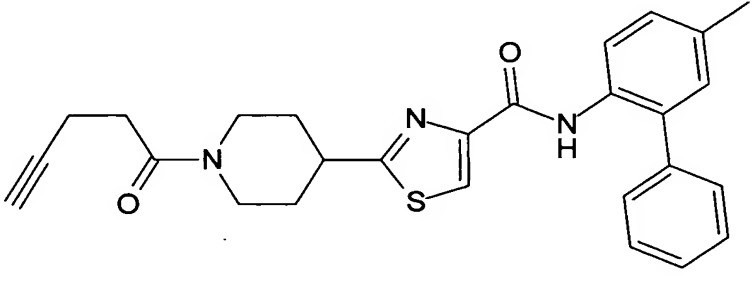
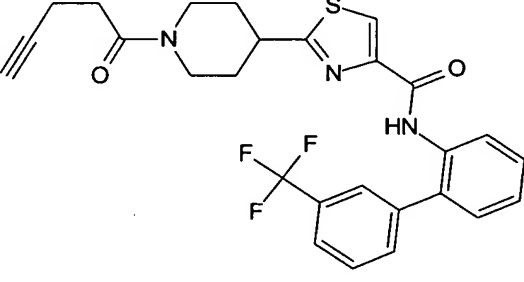
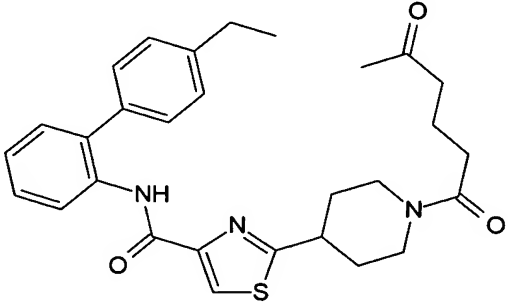
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1085 |  <p data-bbox="310 743 1195 800">2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1086 |  <p data-bbox="310 1283 1211 1339">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1087 |  <p data-bbox="310 1799 1219 1856">2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

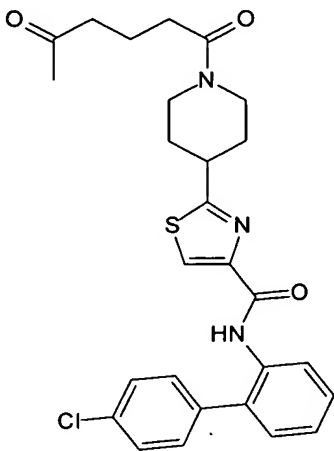
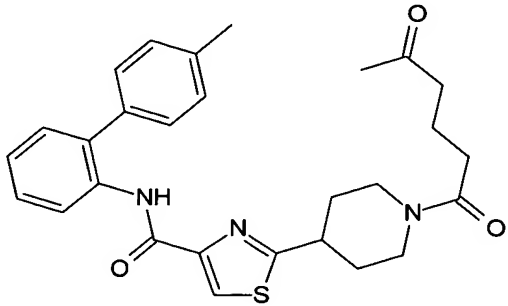
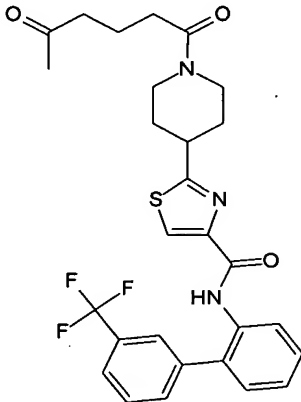
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1088 |  <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1089 |  | |

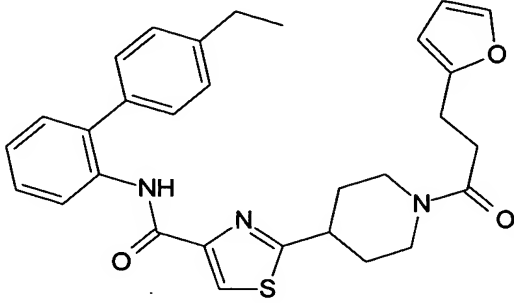
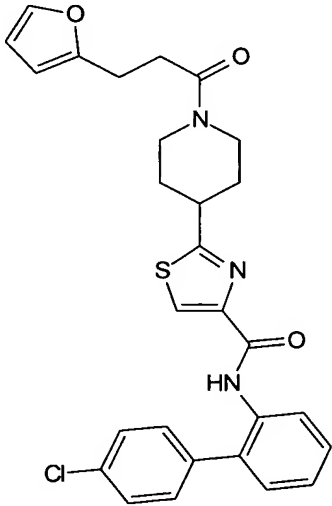
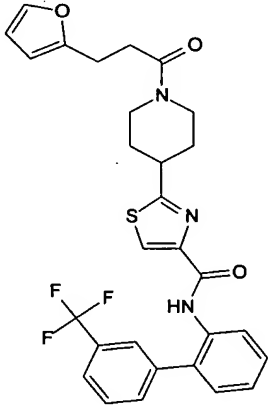
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1090 |  <p data-bbox="310 884 1218 947">2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1091 |  <p data-bbox="310 1465 1179 1524">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

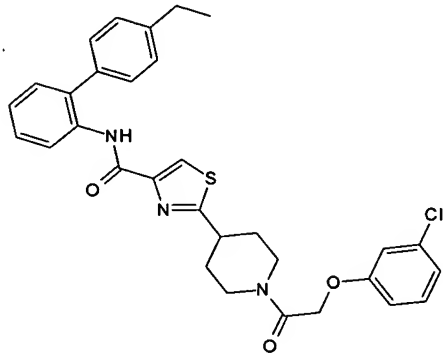
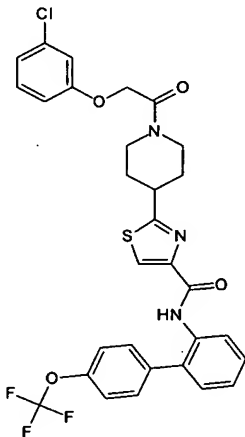
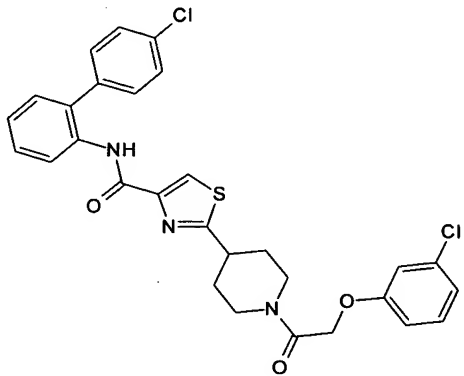
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1092 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1093 |  | |
| 1094 |  | |

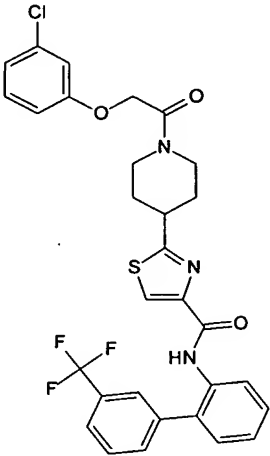
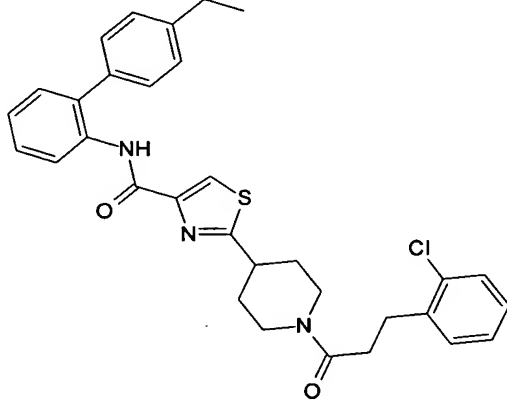
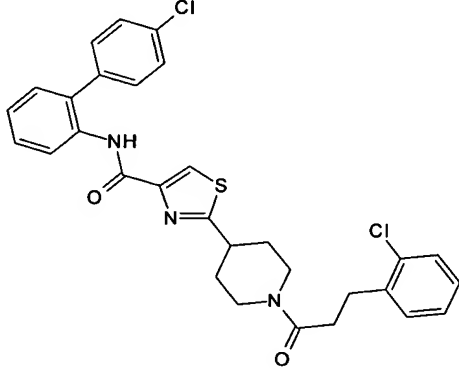
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1095 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(4-oxopentanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1096 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1097 |  <p>N-(4-ethylnaphthalen-1-yl)-2-[1-(4-oxopentan-3-yn-1-yl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

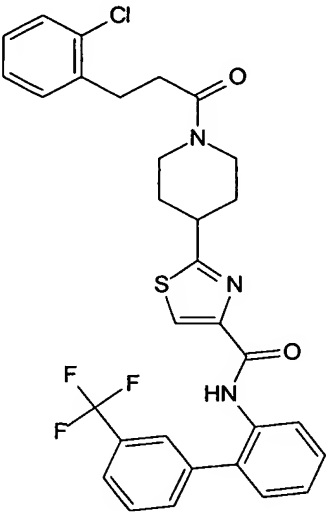
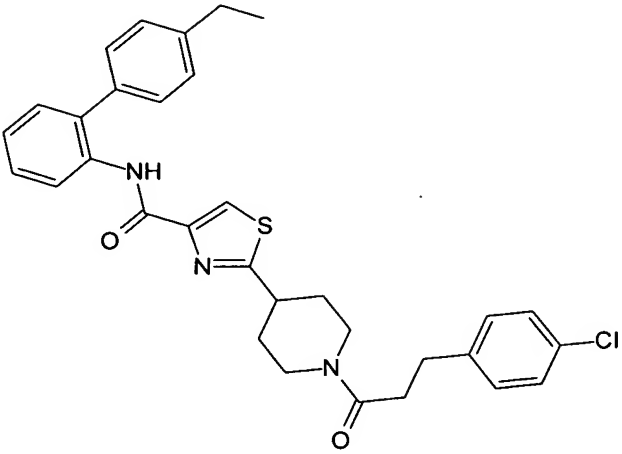
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|------|--|-------------|
| 1098 |  | |
| 1099 |  | |
| 1100 |  | |
| 1101 |  | |

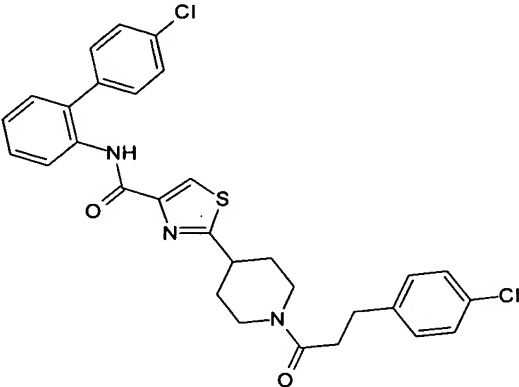
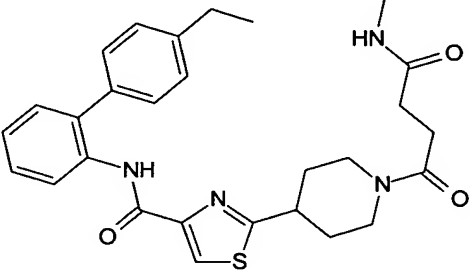
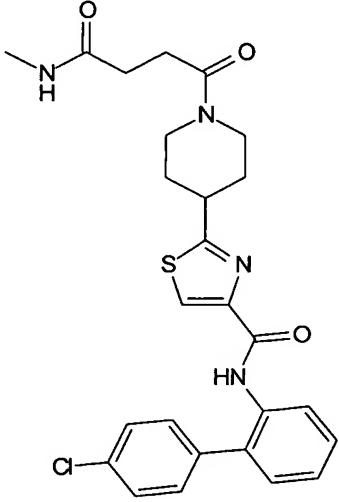
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1102 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(5-oxohexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1103 |  <p>N-(4-methylbiphenyl-2-yl)-2-[1-(5-oxohexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1104 |  <p>2-[1-(5-oxohexanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

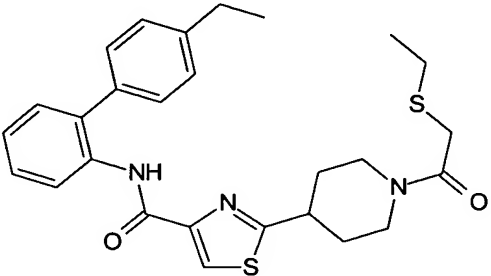
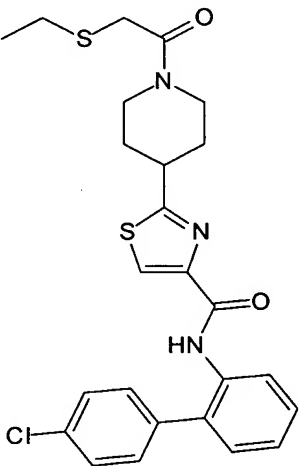
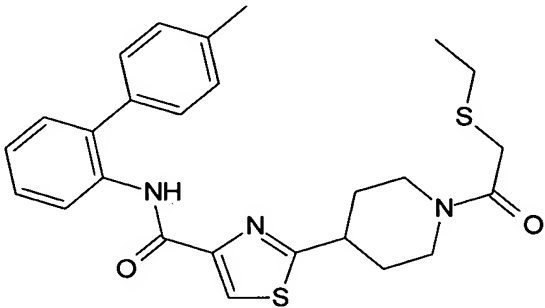
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1105 |  | |
| 1106 |  | |
| 1107 |  <p data-bbox="310 1759 1224 1816">2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

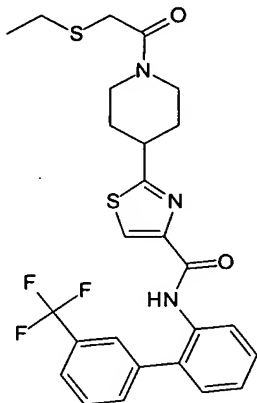
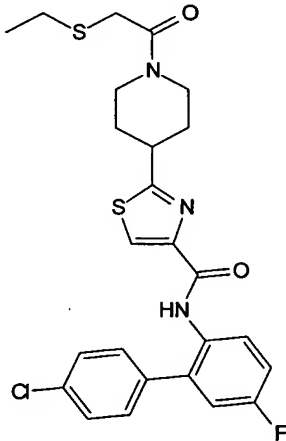
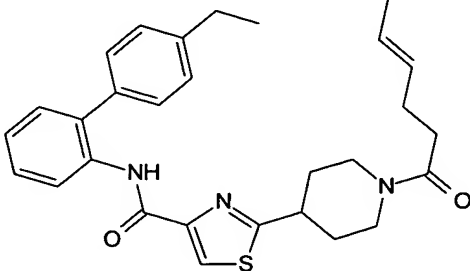
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1108 |  <p data-bbox="305 716 1195 772">2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1109 |  <p data-bbox="305 1255 1138 1312">2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1110 |  <p data-bbox="305 1745 1214 1801">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

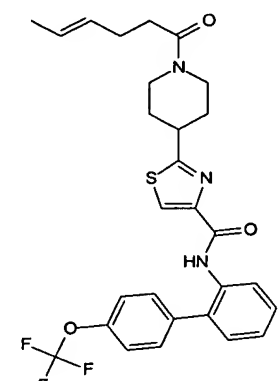
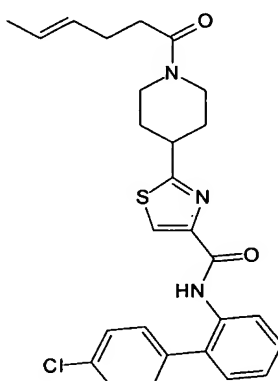
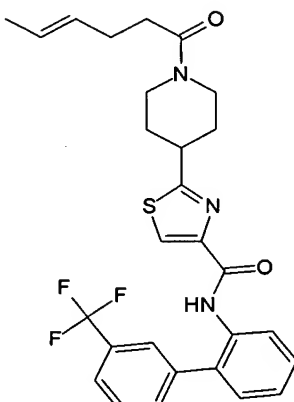
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1111 |  <p data-bbox="308 840 1218 892">2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1112 |  | |
| 1113 |  <p data-bbox="308 1774 1218 1827">N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

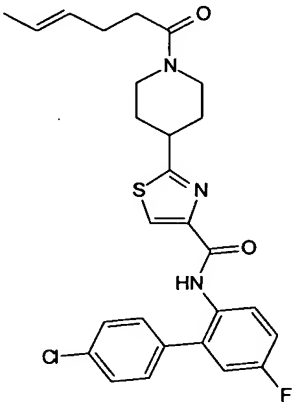
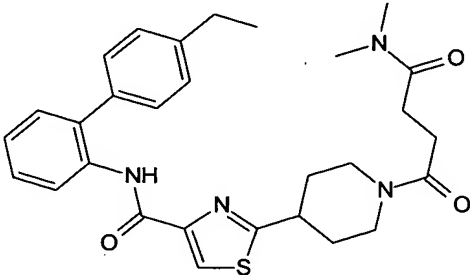
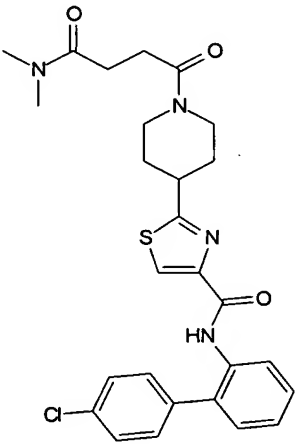
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1114 |  <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1115 |  <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

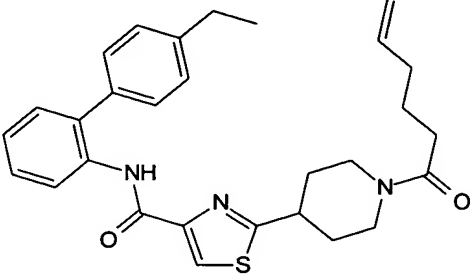
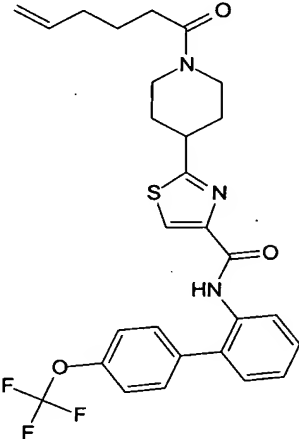
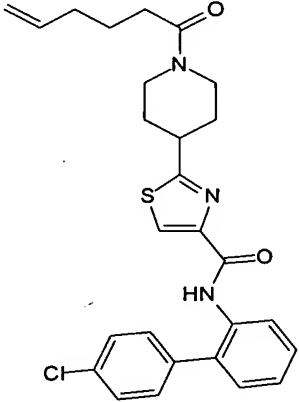
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1116 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1117 |  <p>N-(4-ethylbiphenyl-2-yl)-2-{1-[3-(4-ethylphenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1118 |  <p>N-(4-chlorobiphenyl-2-yl)-2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

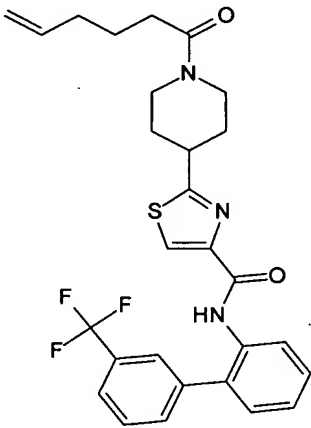
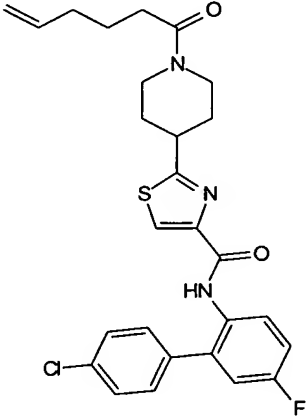
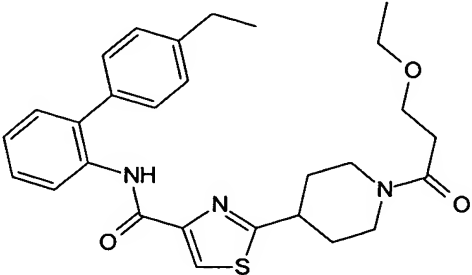
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1119 |  | |
| 1120 |  <p data-bbox="310 1220 1219 1283">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(ethylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1121 |  | |

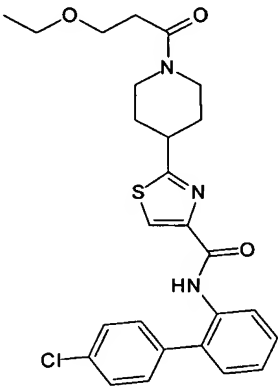
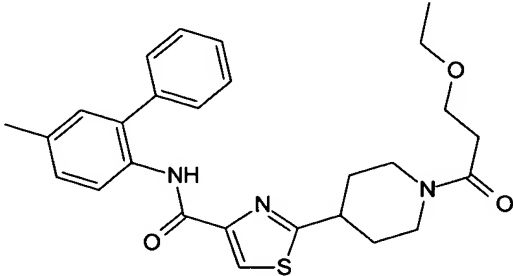
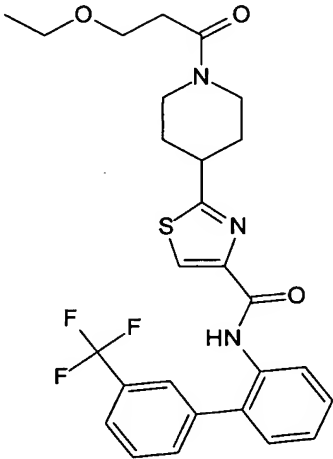
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1122 |  <p>2-{1-[(ethylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1123 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(ethylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1124 |  | |

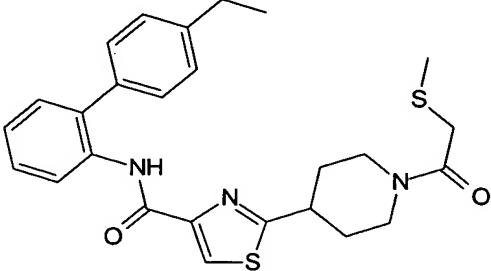
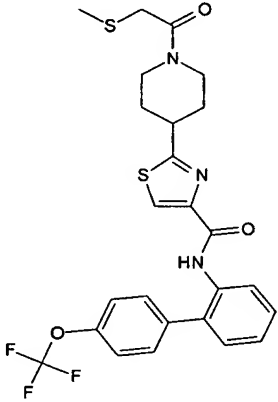
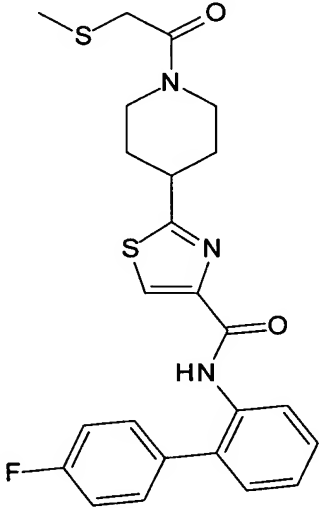
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1125 |  <p data-bbox="308 766 1218 819">2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1126 |  <p data-bbox="308 1281 1218 1333">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1127 |  <p data-bbox="308 1785 1218 1837">2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

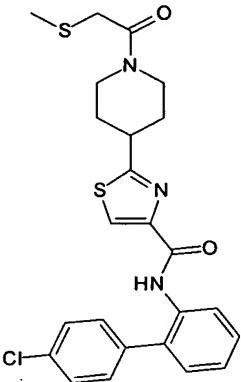
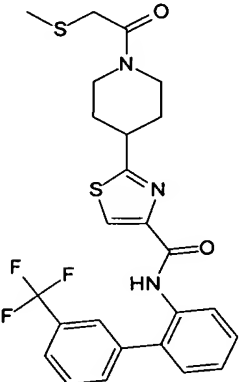
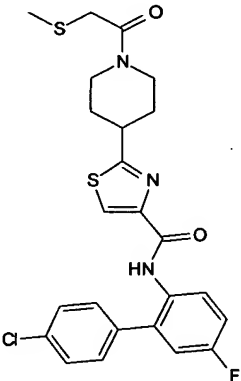
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1128 |  <p data-bbox="313 793 1232 852">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1129 |  | |
| 1130 |  <p data-bbox="313 1753 1232 1810">N-(4'-chlorobiphenyl-2-yl)-2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

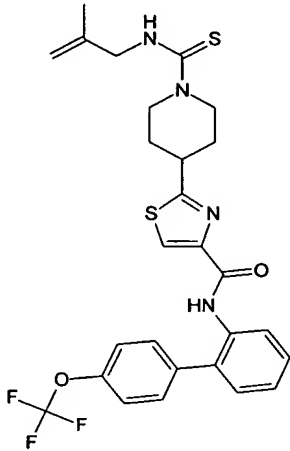
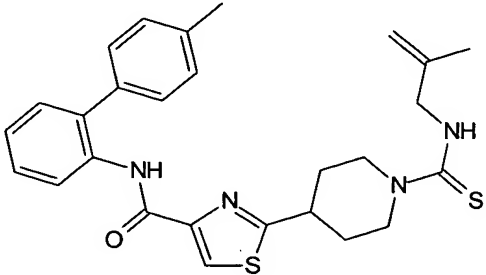
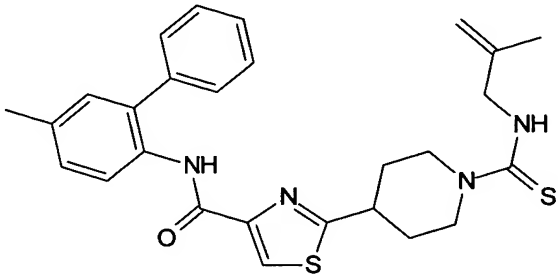
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1131 |  | |
| 1132 |  <p data-bbox="310 1199 1182 1251">2-(1-hex-5-enoylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1133 |  <p data-bbox="310 1738 1175 1791">N-(4'-chlorobiphenyl-2-yl)-2-(1-hex-5-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

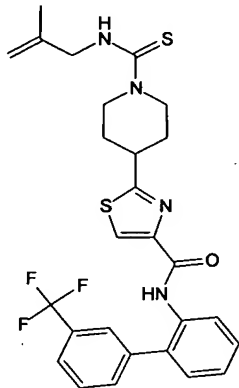
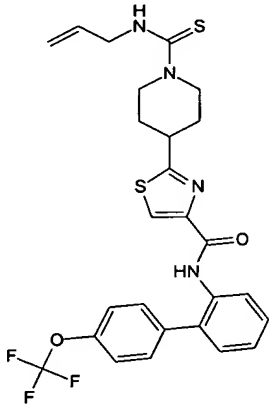
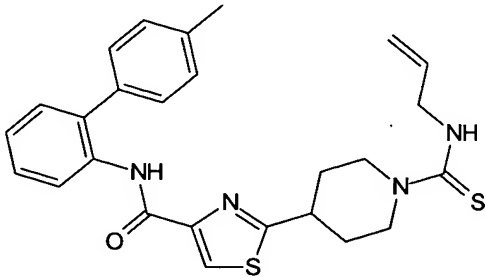
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1134 |  <p>2-(1-hex-5-enoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1135 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hex-5-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1136 |  | |

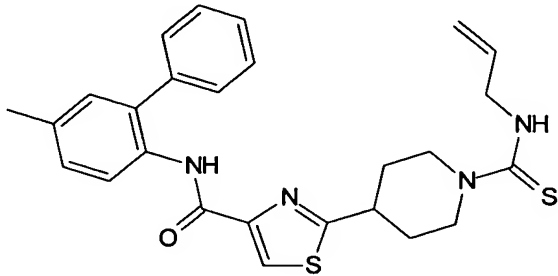
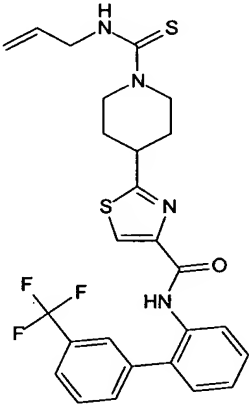
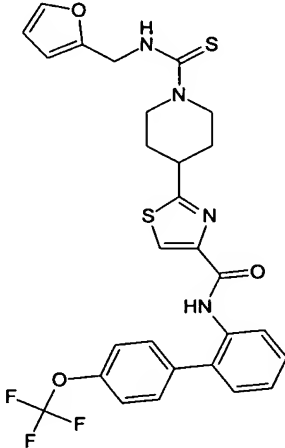
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1137 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1138 |  | |
| 1139 |  | |

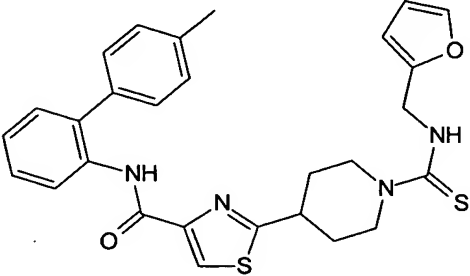
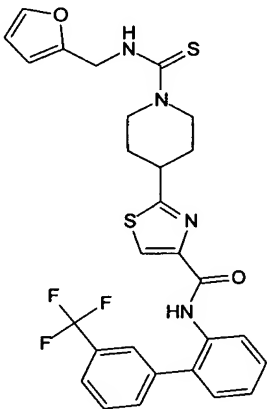
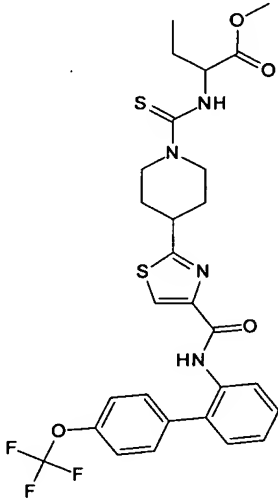
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1140 |  | |
| 1141 |  <p data-bbox="310 1121 1222 1184">2-{1-[(methylthio)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1142 |  | |

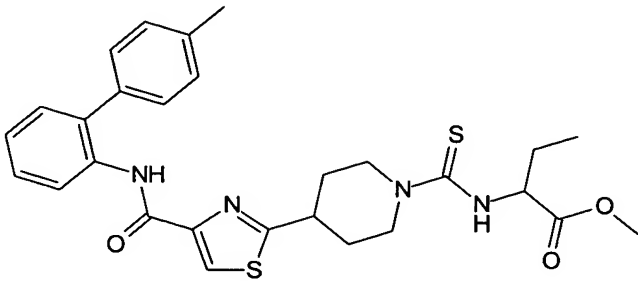
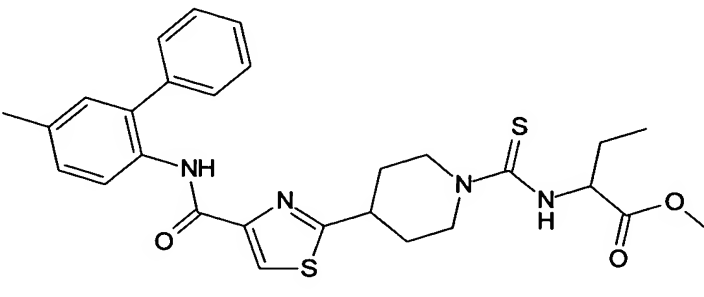
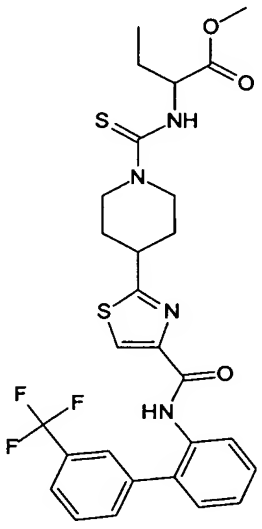
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1143 |  <p data-bbox="310 766 1136 821">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(methylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1144 |  <p data-bbox="310 1312 1201 1367">2-{1-[(methylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1145 |  <p data-bbox="310 1795 1193 1850">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(methylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

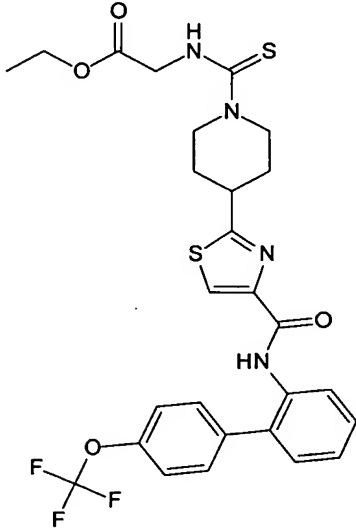
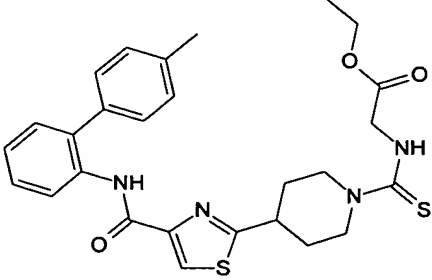
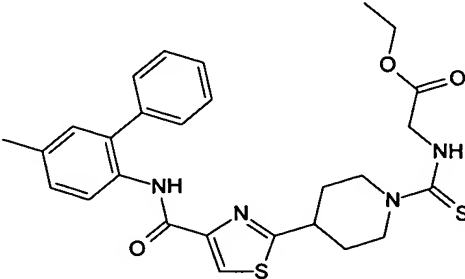
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1146 |  <p>2-(1-[(2-methylprop-2-en-1-yl)amino]carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1147 |  | |
| 1148 |  | |

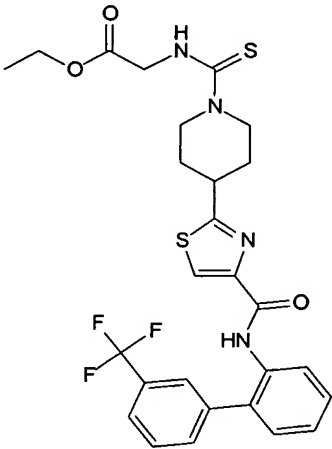
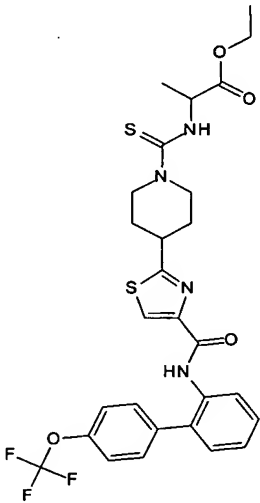
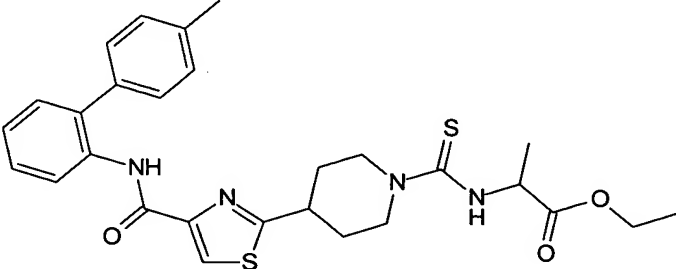
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1149 |  <p>2-(1-((2-methylprop-2-en-1-yl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1150 |  <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1151 |  | |

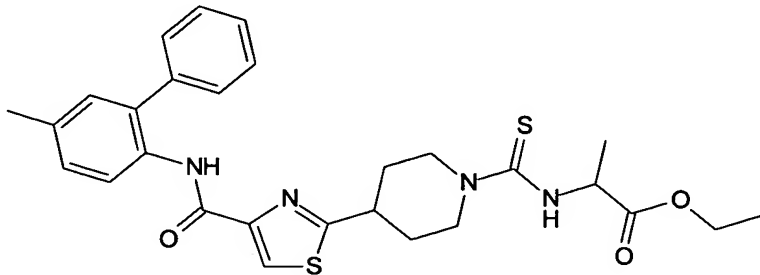
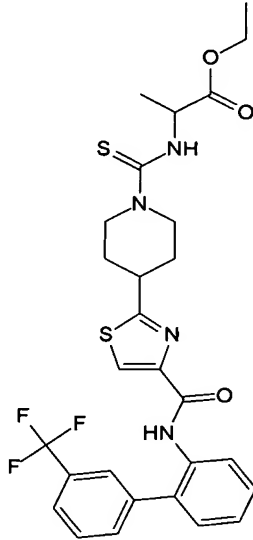
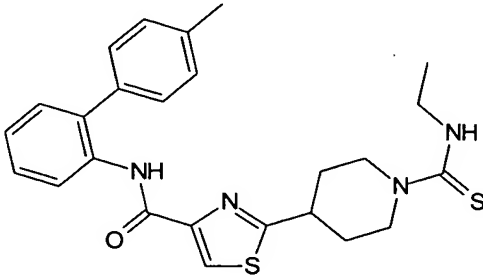
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1152 |  | |
| 1153 |  <p data-bbox="310 1171 1227 1230">2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1154 |  <p data-bbox="310 1755 1162 1812">2-(1-[(2-furylmethyl)amino]carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

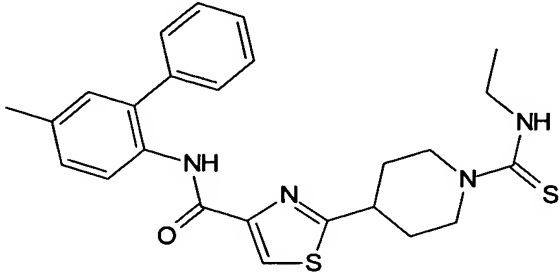
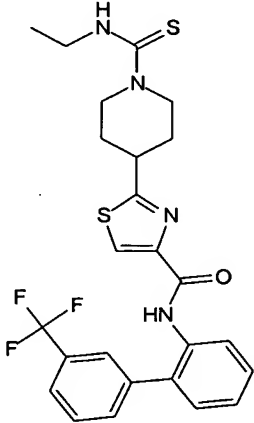
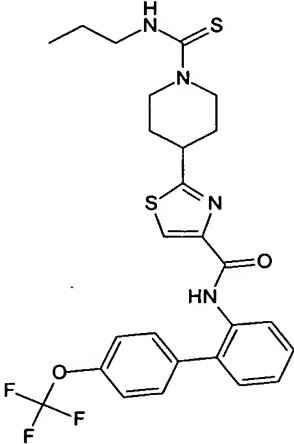
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1155 |  | |
| 1156 |  <p data-bbox="310 1150 1166 1207">2-(1-[(2-furylmethyl)amino]carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1157 |  <p data-bbox="310 1801 1193 1854">methyl 2-[[[4-[4'-((trifluoromethoxy)biphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl]carbonothioyl]amino]butanoate</p> | |

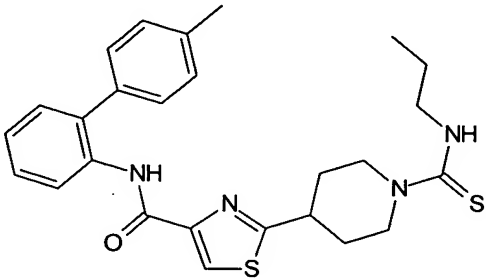
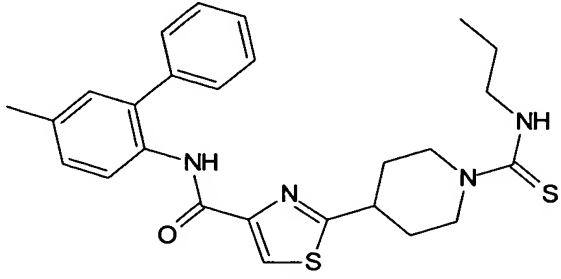
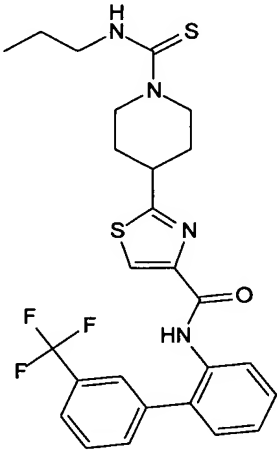
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1158 |  | |
| 1159 |  | |
| 1160 |  <p data-bbox="310 1612 1170 1682">methyl 2-[(4-{4-[(3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]carbonothioyl]amino]butanoate</p> | |

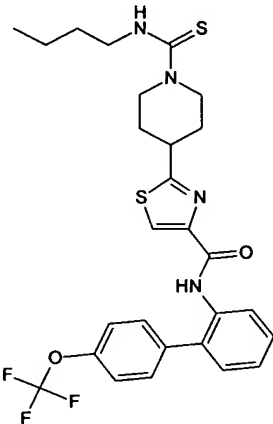
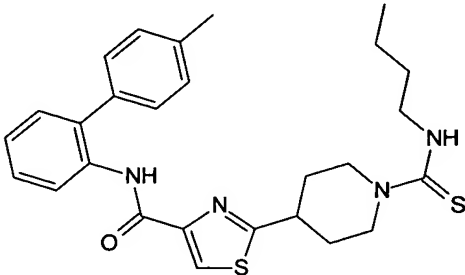
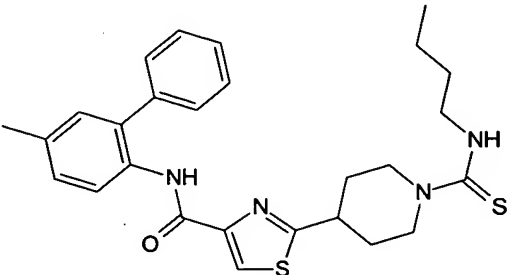
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1161 |  <p>ethyl N-({4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p> | |
| 1162 |  | |
| 1163 |  | |

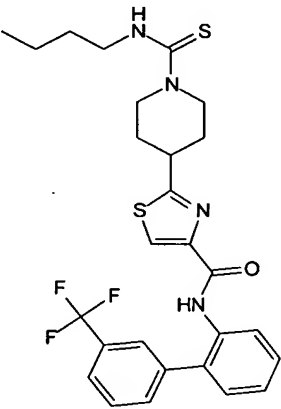
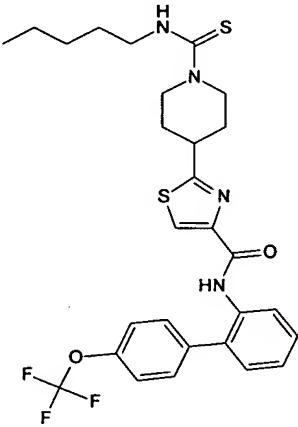
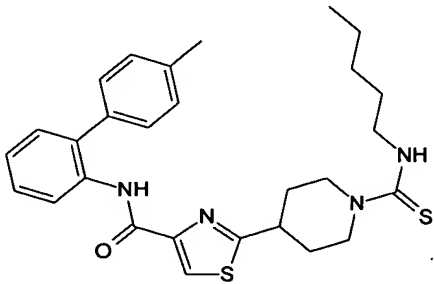
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1164 |  <p>ethyl N-({4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p> | |
| 1165 |  <p>ethyl N-({4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)alaninate</p> | |
| 1166 |  <p>ethyl N-({4-[4-({[4'-(4-methylphenyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)alaninate</p> | |

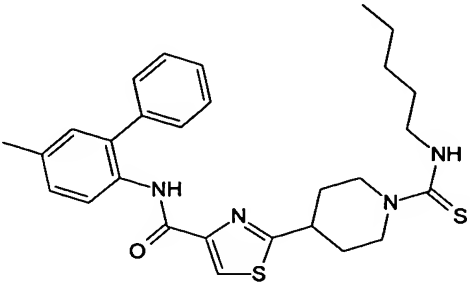
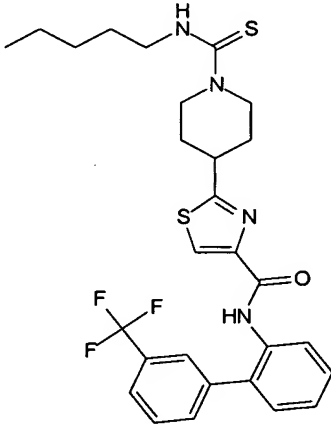
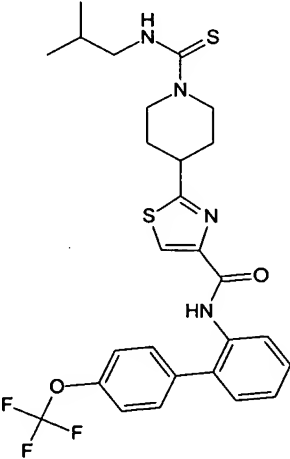
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1167 |  | |
| 1168 |  <p data-bbox="305 1270 1226 1333">ethyl N-((4-4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)alaninate</p> | |
| 1169 |  | |

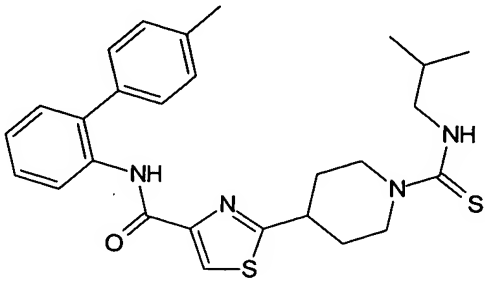
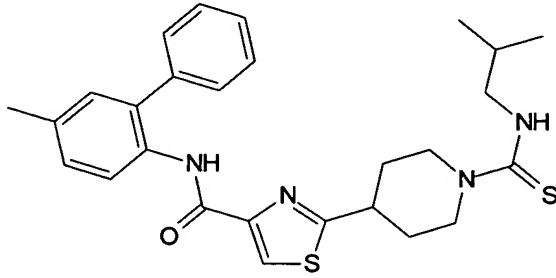
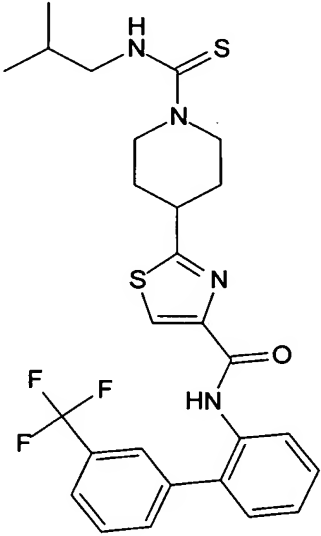
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1170 |  | |
| 1171 |  <p data-bbox="310 1167 1136 1226">2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1172 |  <p data-bbox="310 1766 1175 1824">2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

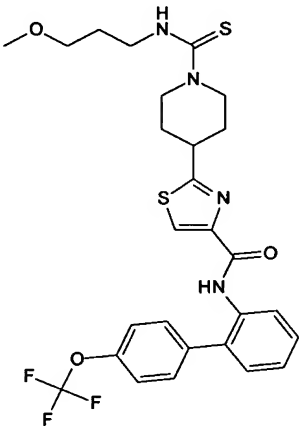
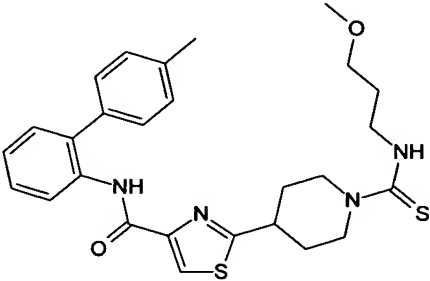
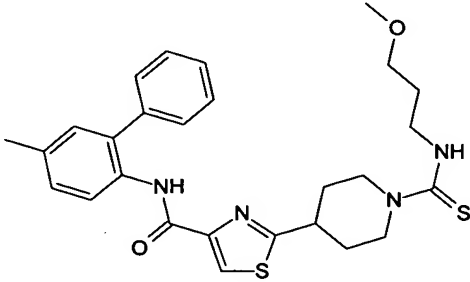
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1173 |  | |
| 1174 |  | |
| 1175 |  <p data-bbox="302 1612 1235 1671">2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

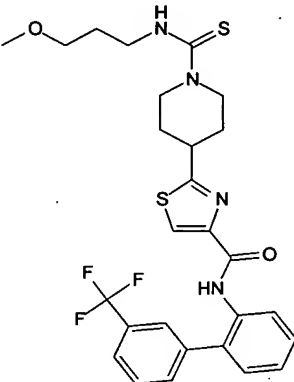
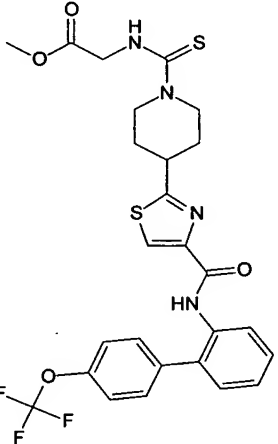
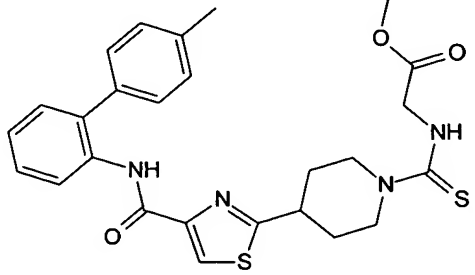
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1176 |  <p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1177 |  | |
| 1178 |  | |

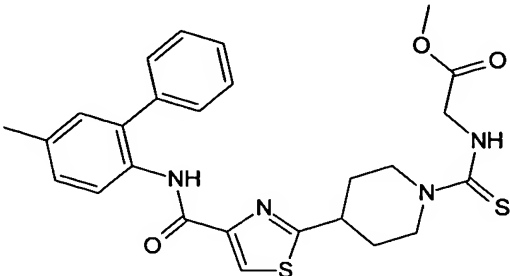
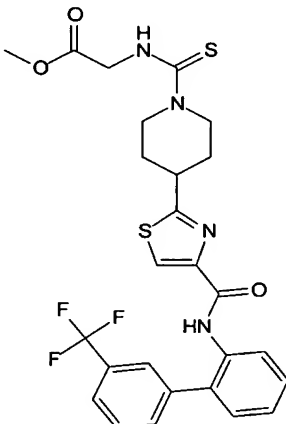
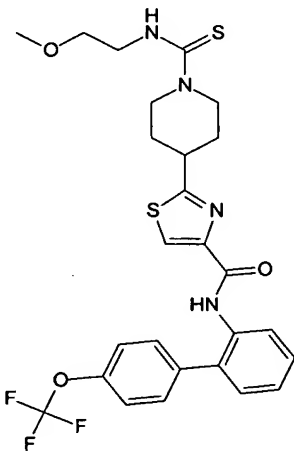
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1179 |  <p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1180 |  <p>2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1181 |  | |

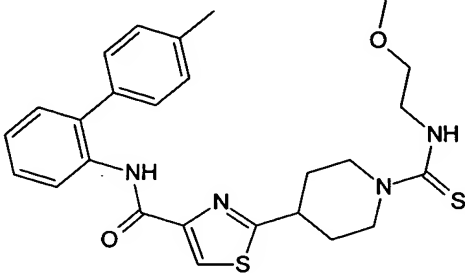
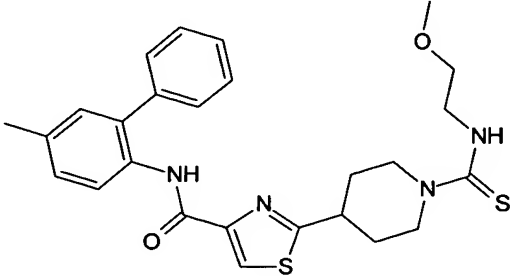
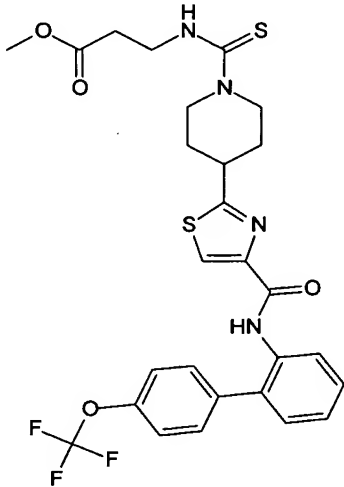
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1182 |  | |
| 1183 |  <p data-bbox="310 1171 1149 1228">2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1184 |  <p data-bbox="310 1780 1193 1837">2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

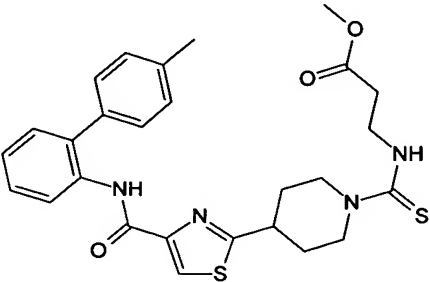
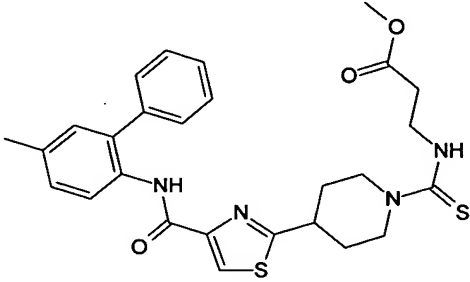
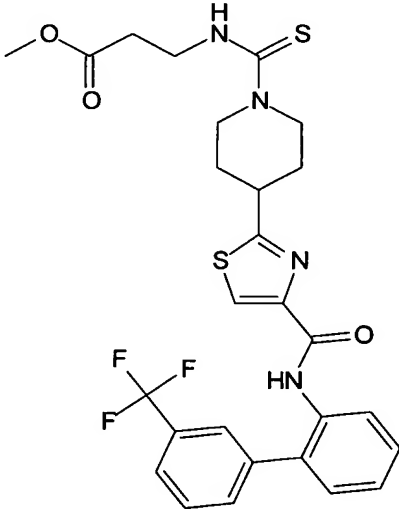
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1185 |  | |
| 1186 |  | |
| 1187 |  | |

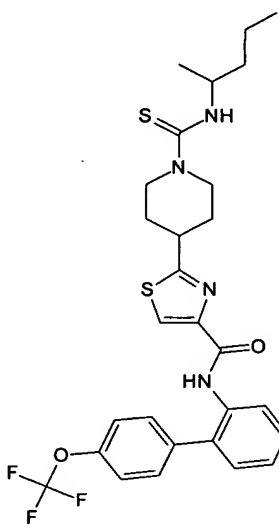
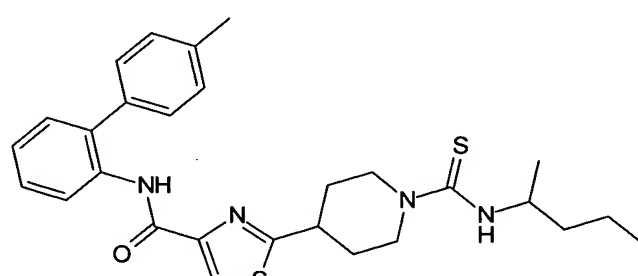
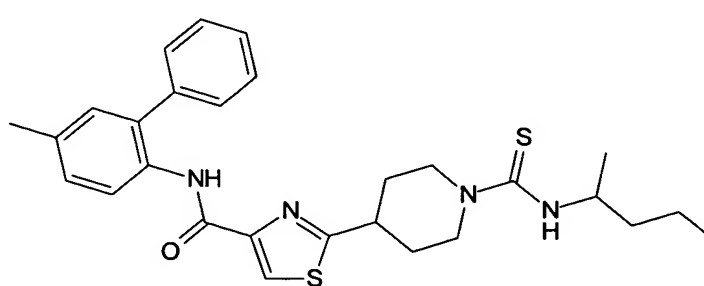
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1188 |  <p>2-(1-((3-methoxypropyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1189 |  | |
| 1190 |  | |

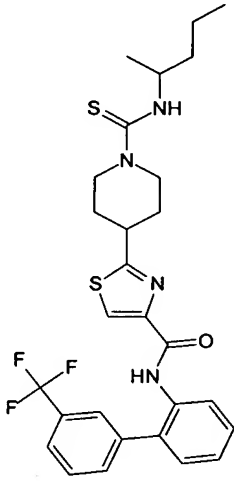
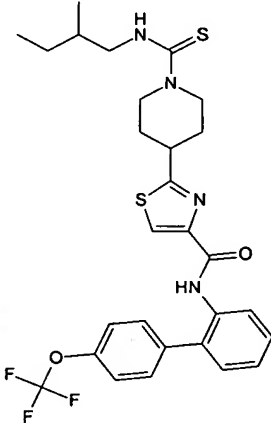
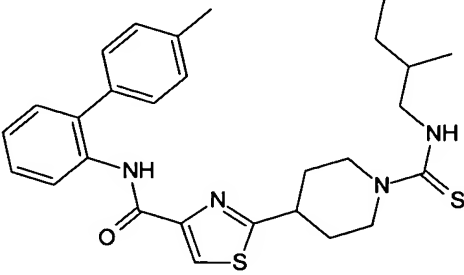
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1191 |  <p>2-(1-(((3-methoxypropyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1192 |  <p>methyl N-({4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p> | |
| 1193 |  | |

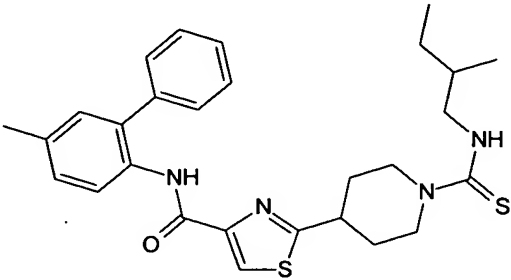
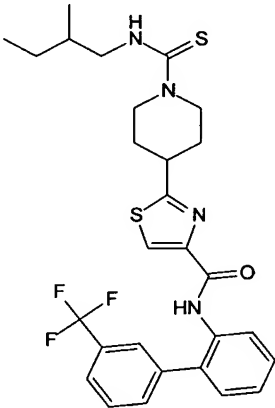
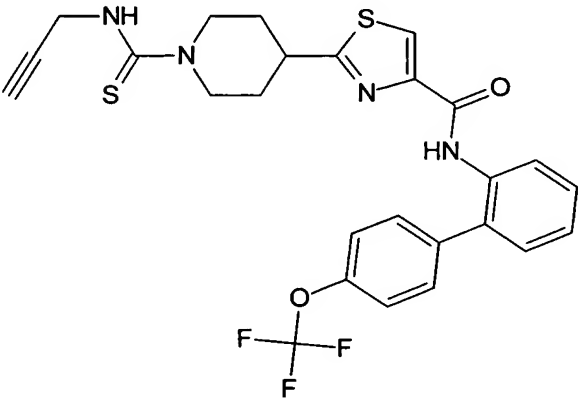
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1194 |  | |
| 1195 |  <p data-bbox="306 1171 1161 1234">methyl N-({4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p> | |
| 1196 |  <p data-bbox="306 1749 1193 1812">2-(1-{{(2-methoxyethyl)amino}carbonothioyl}piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

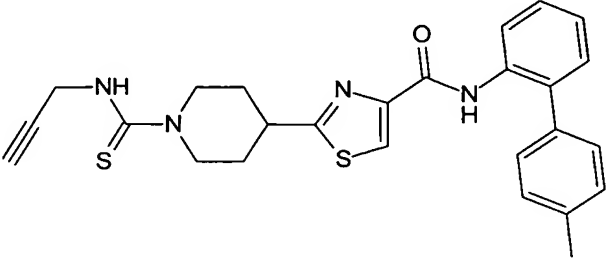
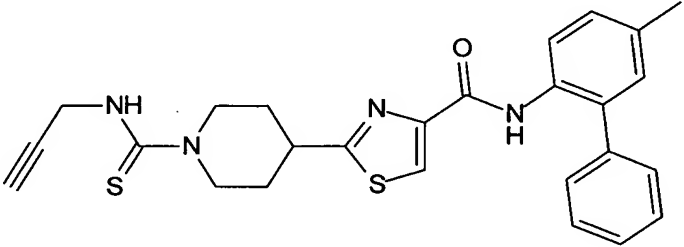
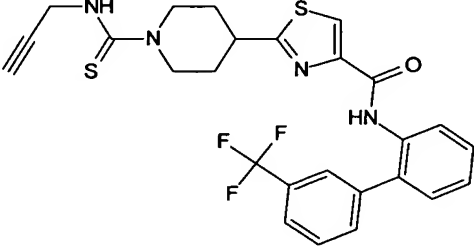
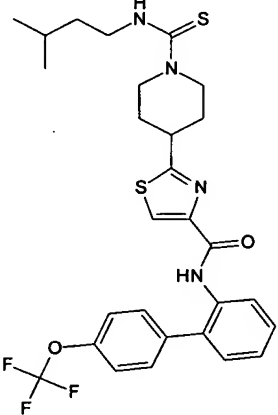
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1197 |  | |
| 1198 |  | |
| 1199 |  <p data-bbox="310 1602 1187 1661">methyl N-({4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)-beta-alaninate</p> | |

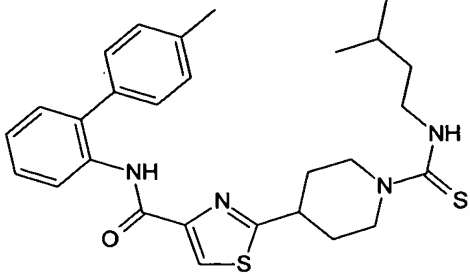
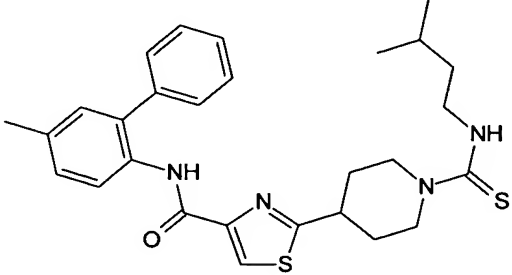
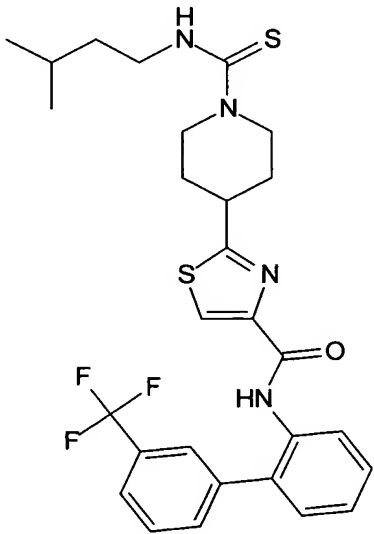
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1200 |  <chem>COCC(=O)NC(=S)N1CCN(C1Cc2sc(C(=O)Nc3ccccc3c4ccc(C)cc4)n2)CC5=CC=CC=C5</chem> | |
| 1201 |  <chem>COCC(=O)NC(=S)N1CCN(C1Cc2sc(C(=O)Nc3ccccc3c4ccc(C)cc4)n2)CC5=CC=CC=C5</chem> | |
| 1202 |  <chem>COCC(=O)NC(=S)N1CCN(C1Cc2sc(C(=O)Nc3ccccc3c4ccc(C(F)(F)F)cc4)n2)CC5=CC=CC=C5</chem> | |

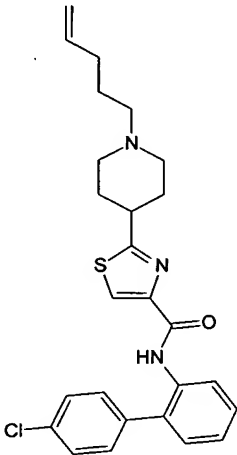
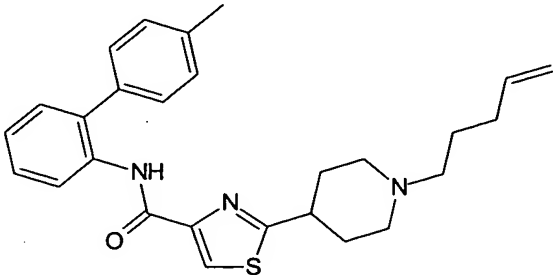
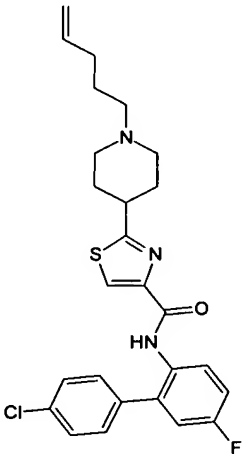
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1203 |  <p>2-(1-((1-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1204 |  | |
| 1205 |  | |

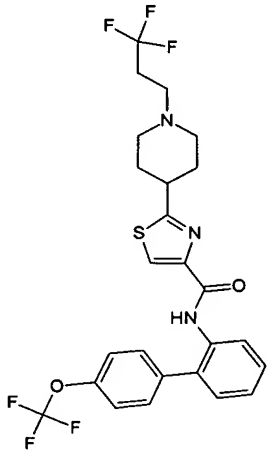
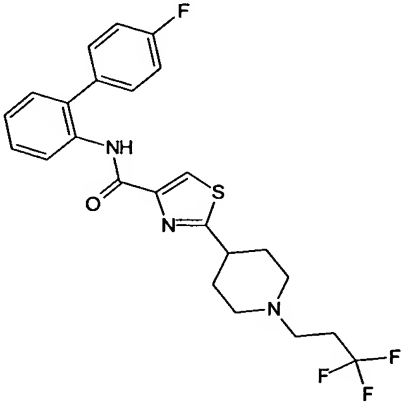
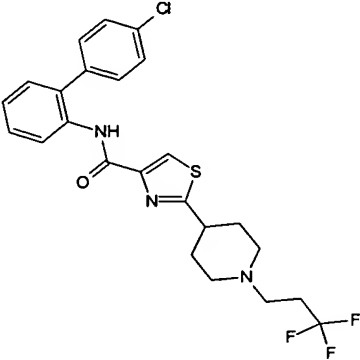
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1206 |  <p>2-(1-((1-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1207 |  <p>2-(1-((2-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1208 |  <p>2-(1-((1-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(4-methylphenyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

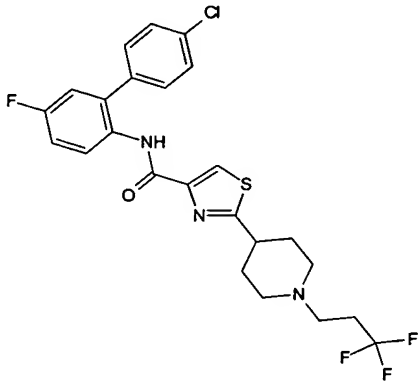
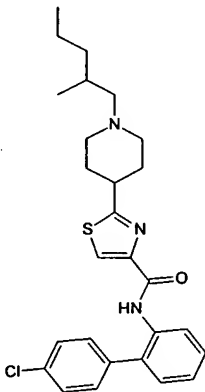
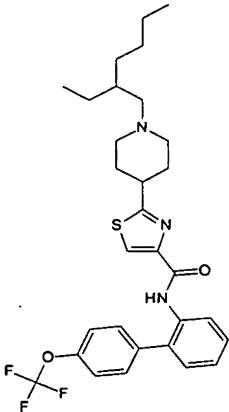
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1209 |  | |
| 1210 |  <p data-bbox="310 1150 1170 1213">2-(1-[(2-methylbutyl)amino]carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoro-methyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1211 |  | |

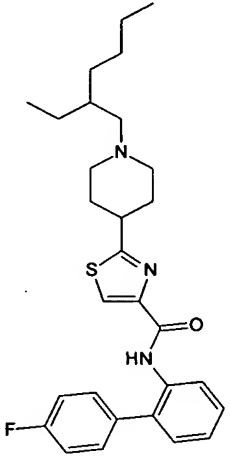
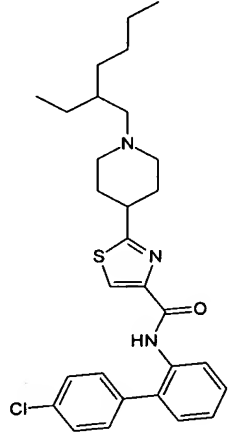
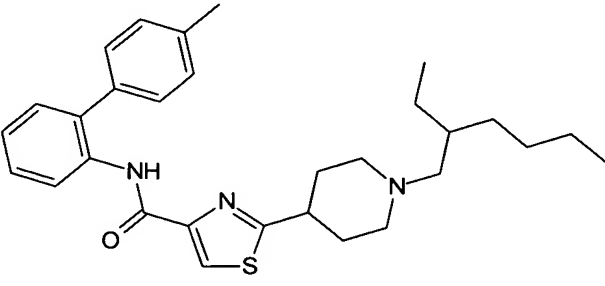
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1212 |  | |
| 1213 |  | |
| 1214 |  | |
| 1215 |  <p data-bbox="310 1772 1170 1835">2-(1-[(3-methylbutyl)amino]carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

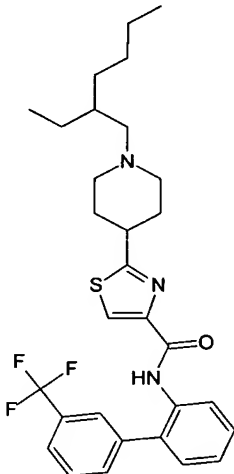
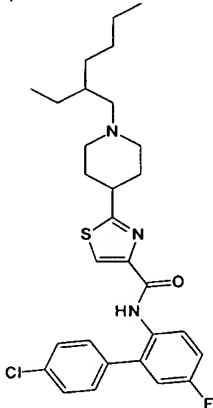
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1216 |  | |
| 1217 |  | |
| 1218 |  | |

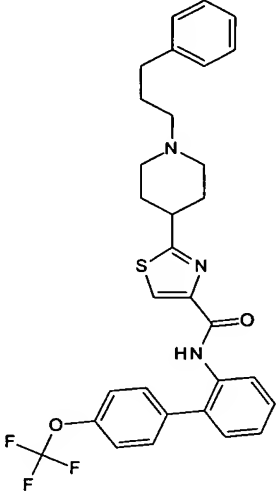
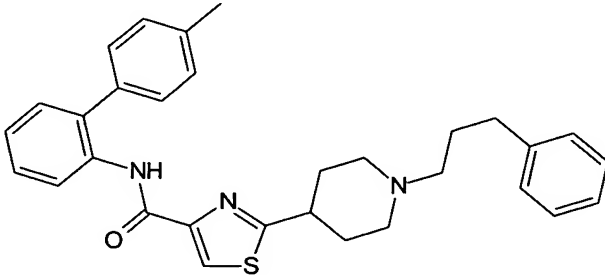
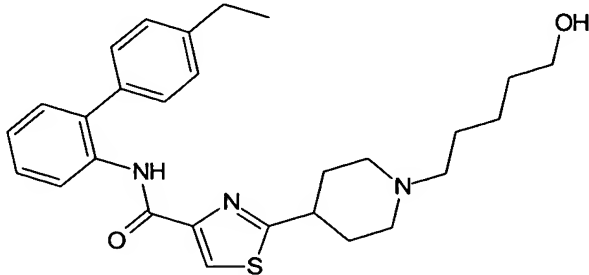
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1219 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-4-en-1-ylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1220 |  <p>N-(4-(4-methylphenyl)biphenyl-2-yl)-2-(4-(4-penten-1-yl)piperidin-1-yl)-1,3-thiazole-5-carboxamide</p> | |
| 1221 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-4-en-1-ylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

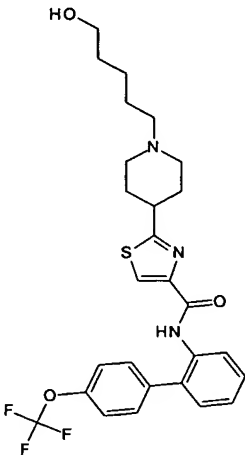
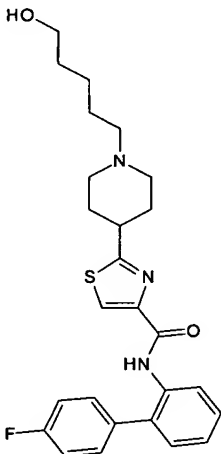
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1222 |  <p data-bbox="313 808 1211 871">N-[4'-(trifluoromethoxy)biphenyl-2-yl]-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1223 |  <p data-bbox="313 1327 1153 1386">N-(4'-fluorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1224 |  <p data-bbox="313 1795 1157 1852">N-(4'-chlorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

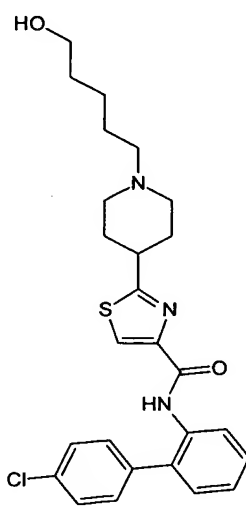
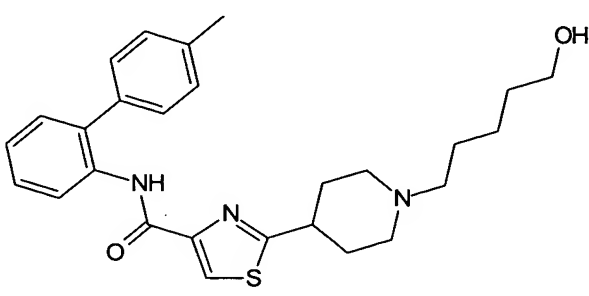
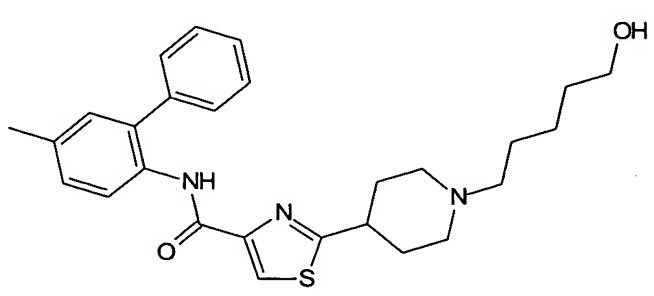
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1225 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1226 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1227 |  <p>2-[1-(2-ethylhexyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

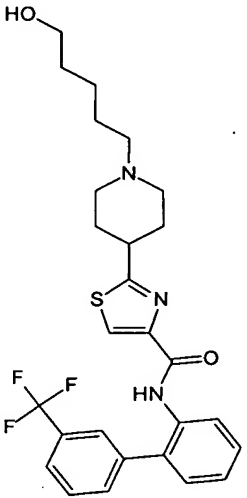
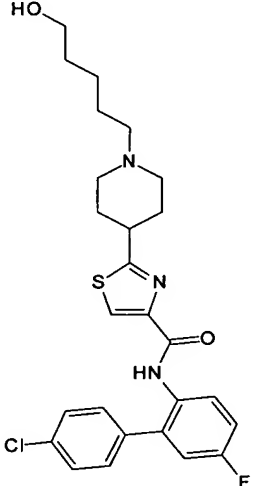
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1228 |  <p>2-[1-(2-ethylhexyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1229 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-ethylhexyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1230 |  | |

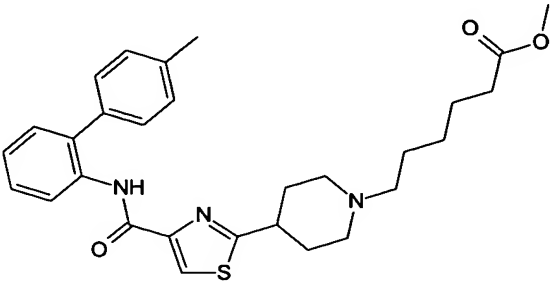
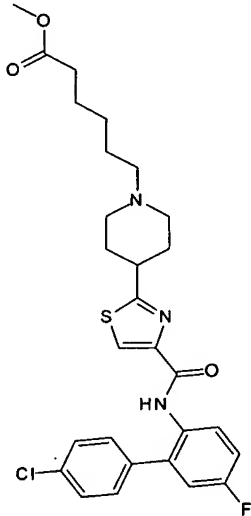
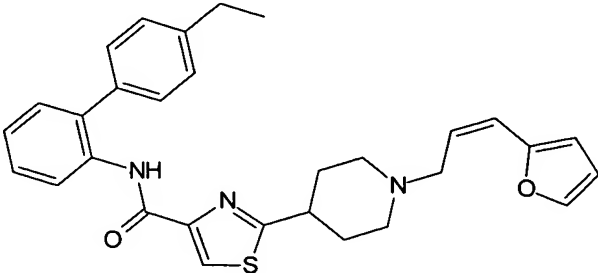
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1231 |  <p data-bbox="310 835 1179 890">2-[1-(2-ethylhexyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1232 |  <p data-bbox="310 1394 1166 1449">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-ethylhexyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

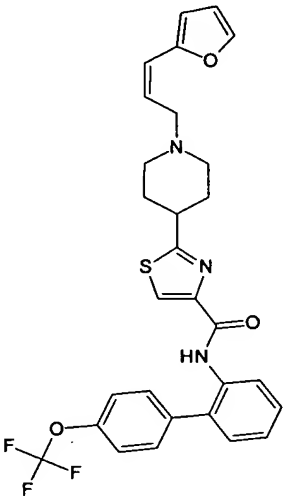
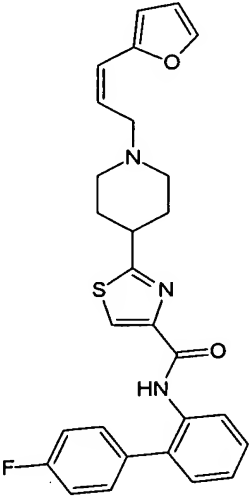
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1233 |  <p>2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1234 |  <p>2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[2-(4-methylphenyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1235 |  <p>2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[2-(4-ethylphenyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |

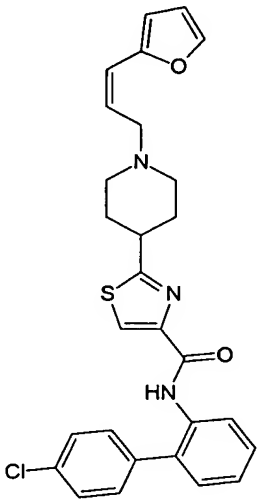
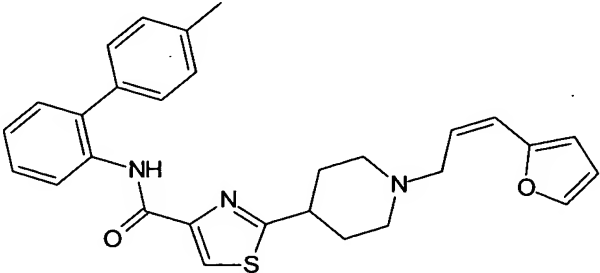
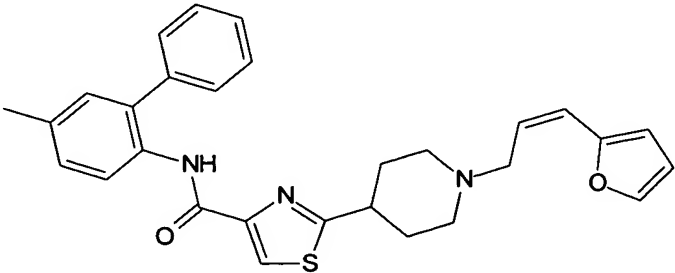
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1236 |  <p data-bbox="313 835 1203 888">2-[1-(5-hydroxypentyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1237 |  <p data-bbox="313 1417 1203 1470">N-(4'-fluorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

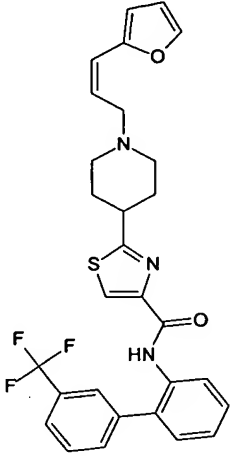
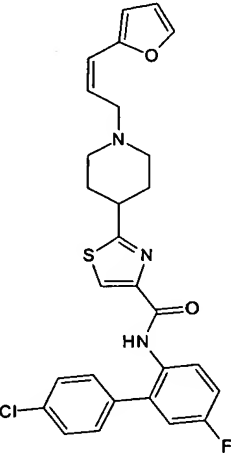
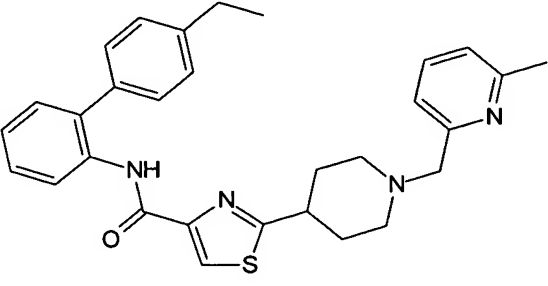
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1238 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1239 |  | |
| 1240 |  | |

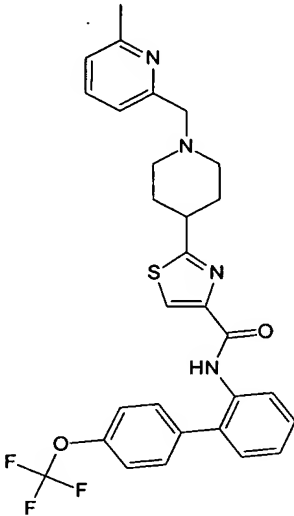
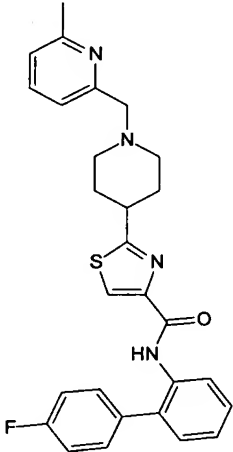
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|------|---|-------------|
| 1241 |  <p data-bbox="316 882 1226 934">2-[1-(5-hydroxypentyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1242 |  <p data-bbox="316 1501 1226 1554">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

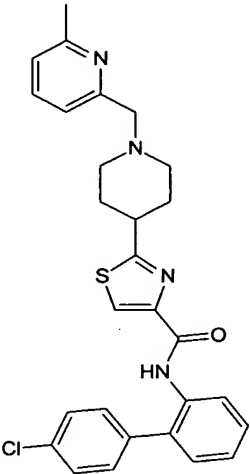
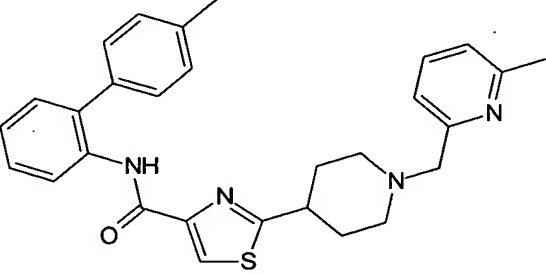
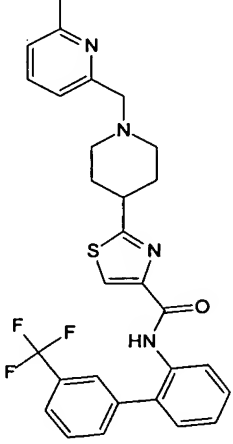
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1243 |  | |
| 1244 |  <p data-bbox="315 1234 1226 1297">methyl 6-[4-(4-[[[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl]hexanoate</p> | |
| 1245 |  | |

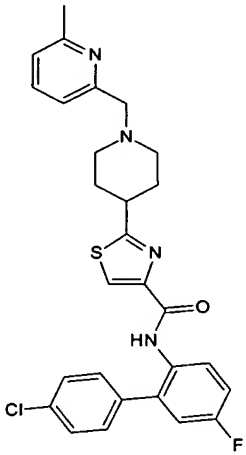
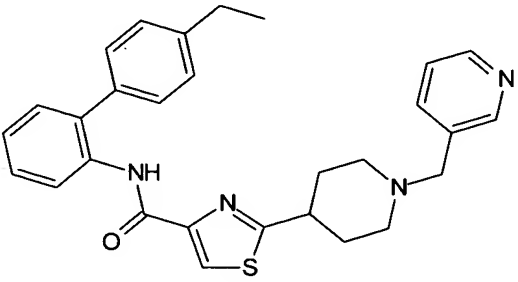
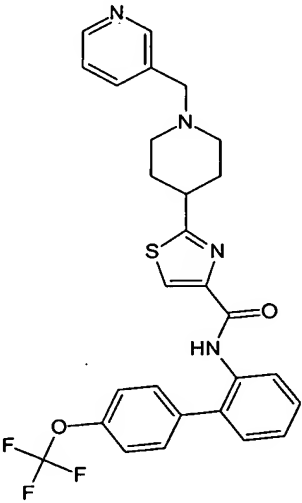
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1246 |  <p data-bbox="313 877 1198 940">2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1247 |  <p data-bbox="313 1507 1219 1564">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

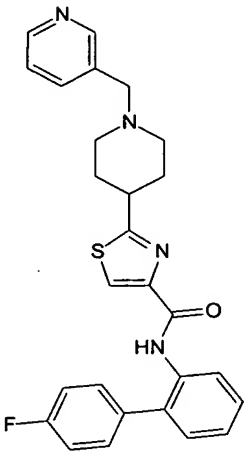
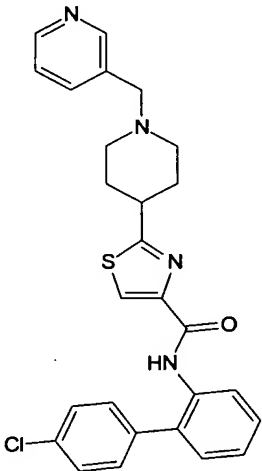
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1248 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1249 |  | |
| 1250 |  | |

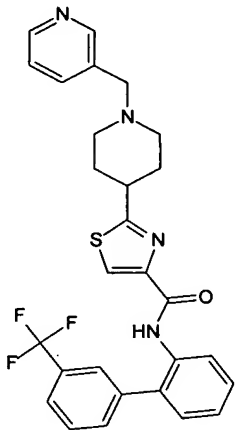
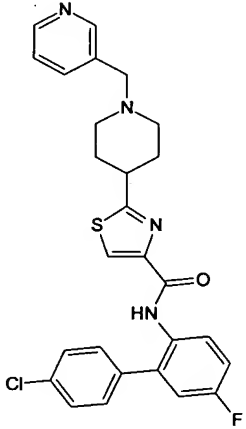
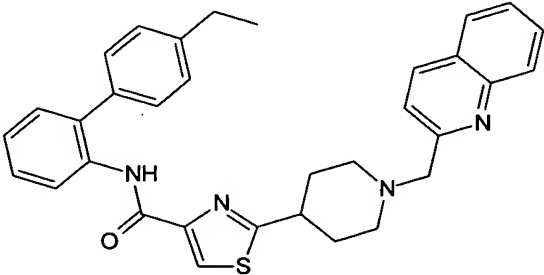
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1251 |  <p>2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1252 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1253 |  | |

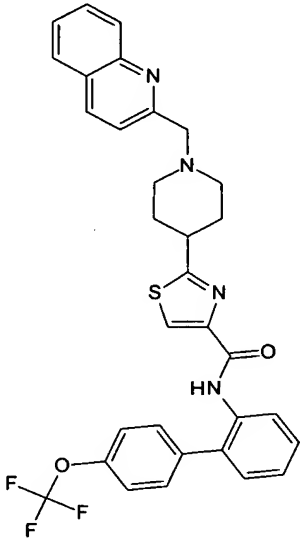
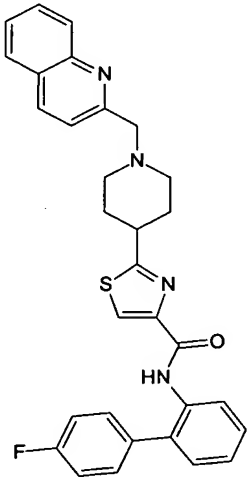
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1254 |  <p>2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1255 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

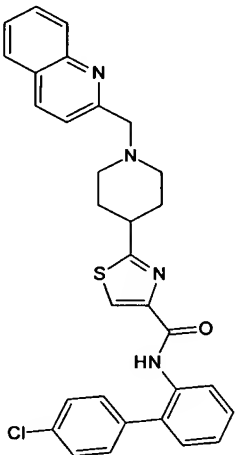
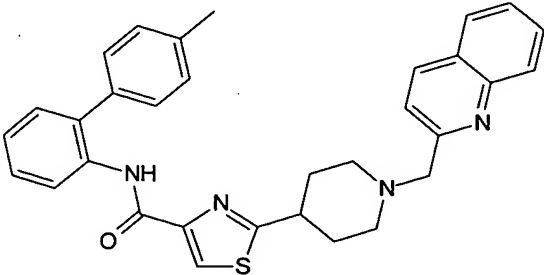
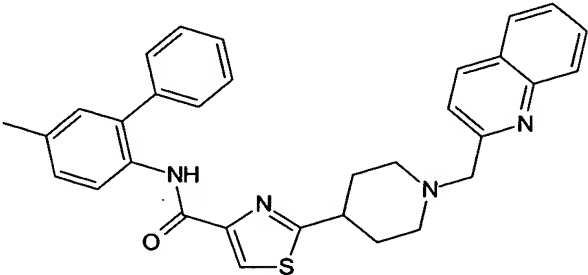
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1256 |  <p data-bbox="315 856 1230 919">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1257 |  | |
| 1258 |  <p data-bbox="315 1772 1230 1827">2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

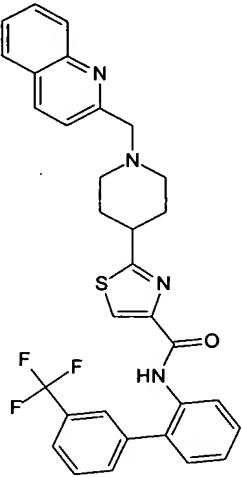
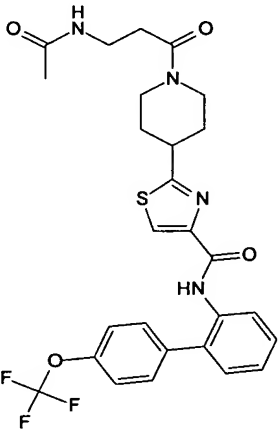
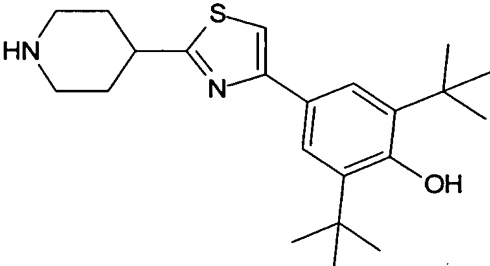
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1259 |  <p data-bbox="313 831 1149 892">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1260 |  | |
| 1261 |  <p data-bbox="313 1801 1224 1856">2-{1-(pyridin-3-ylmethyl)piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

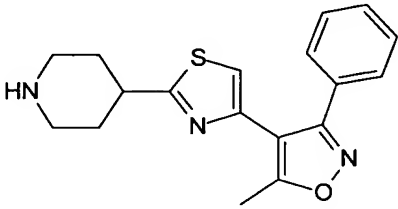
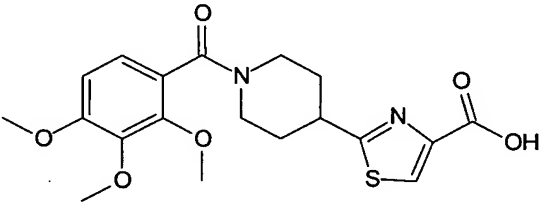
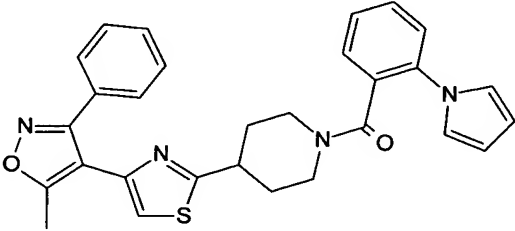
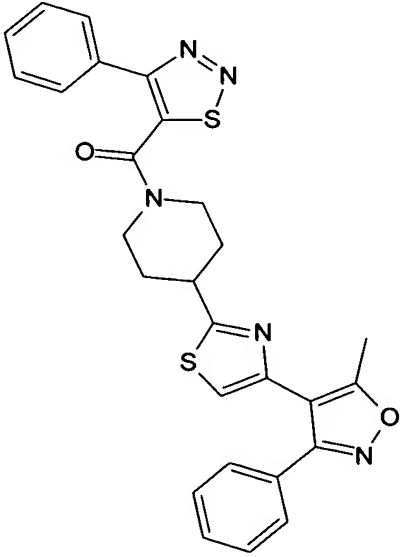
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1262 |  <p data-bbox="313 829 1133 888">N-(4'-fluorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1263 |  <p data-bbox="313 1411 1138 1470">N-(4'-chlorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

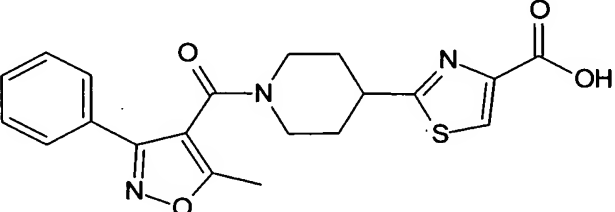
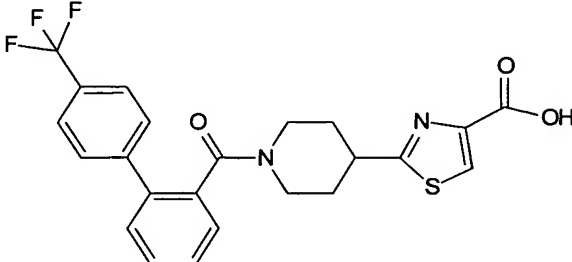
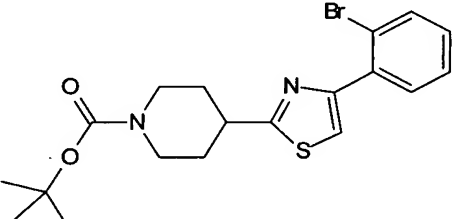
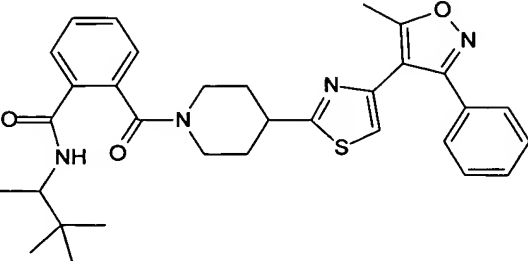
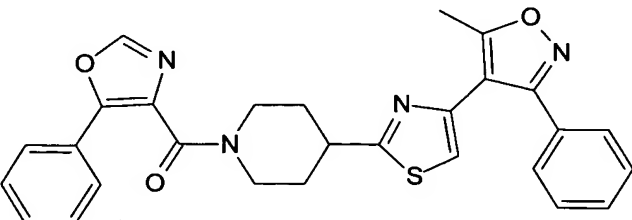
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1264 |  <p>2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1265 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1266 |  | |

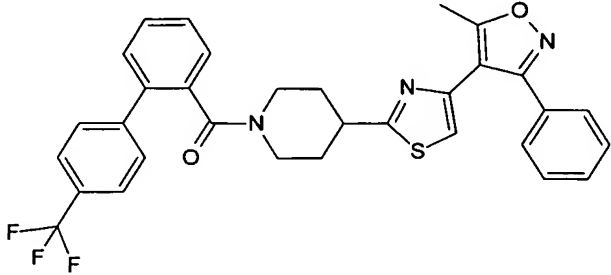
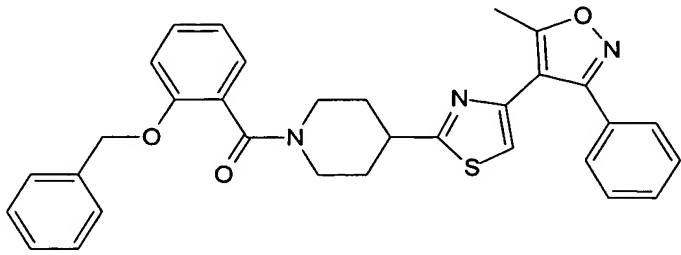
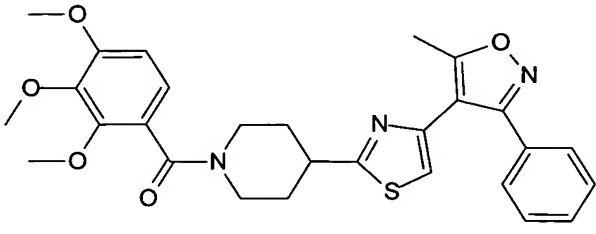
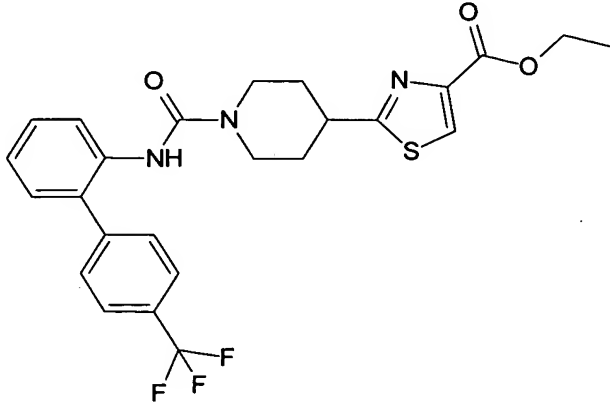
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1267 |  <p data-bbox="313 926 1203 989">2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1268 |  <p data-bbox="313 1556 1144 1619">N-(4'-fluorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

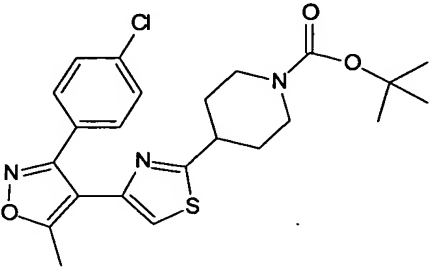
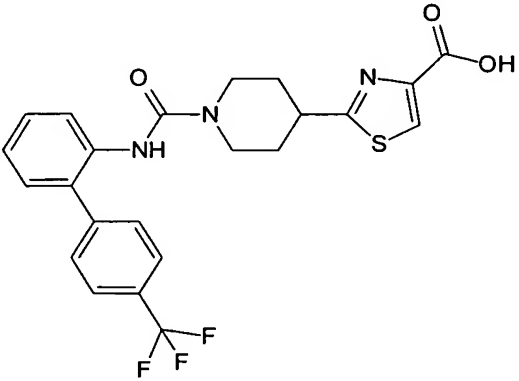
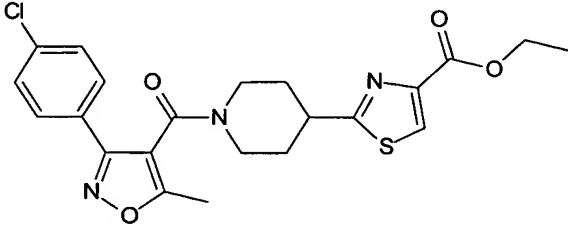
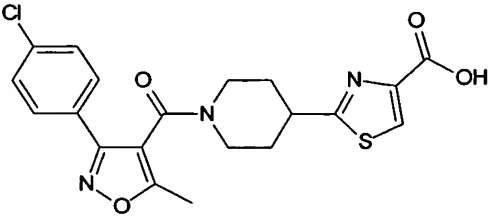
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1269 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1270 |  | |
| 1271 |  | |

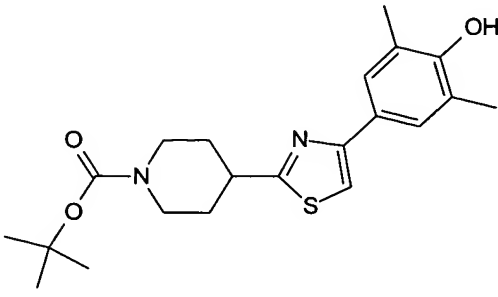
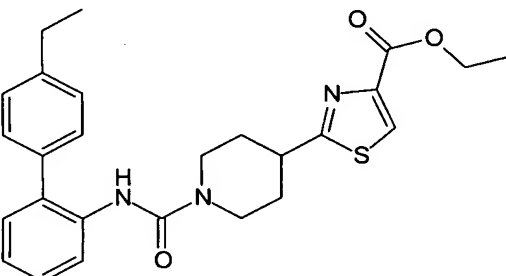
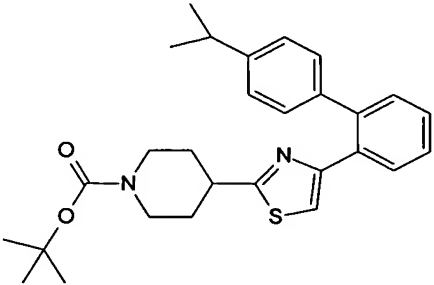
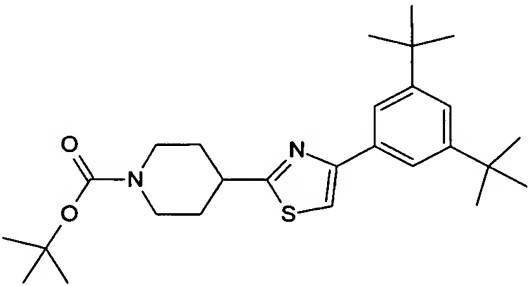
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1272 |  <p data-bbox="313 856 1218 913">2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1273 |  <p data-bbox="313 1434 1218 1491">2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1274 |  | |

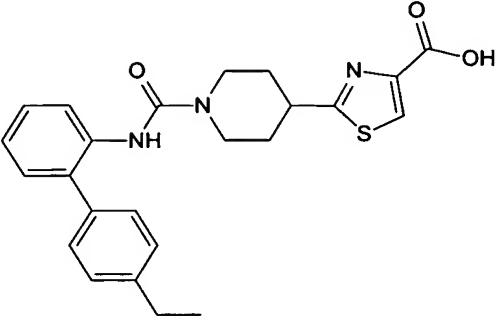
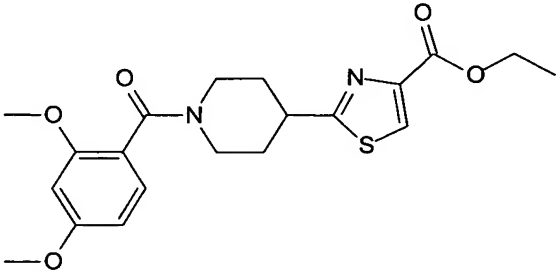
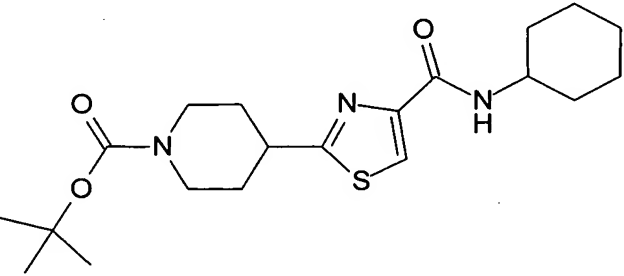
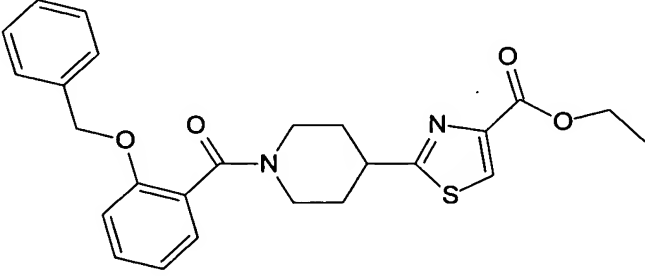
| No. | FORMULA | NMR or mass |
|------|---|-------------|
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| 1277 |  | |
| 1278 |  | |

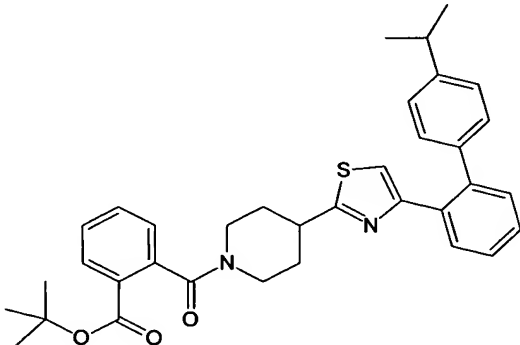
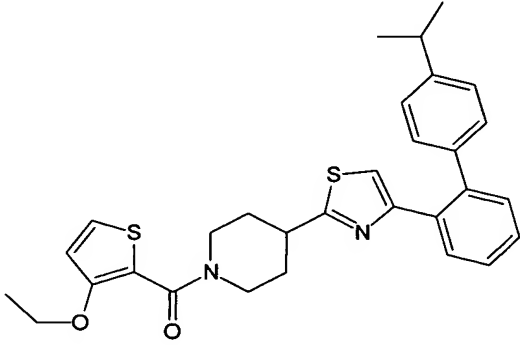
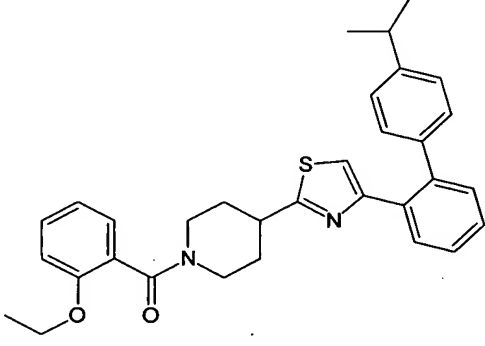
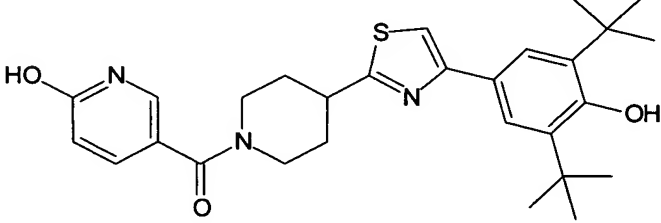
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|------|--|-------------|
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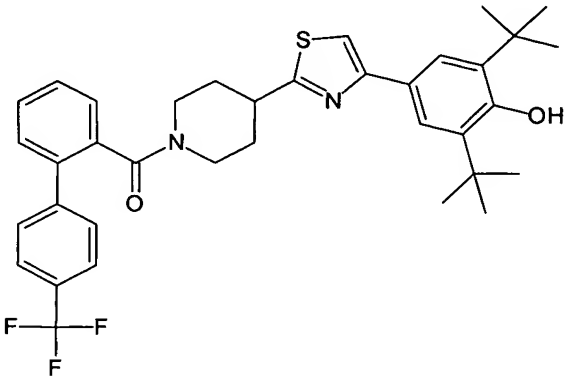
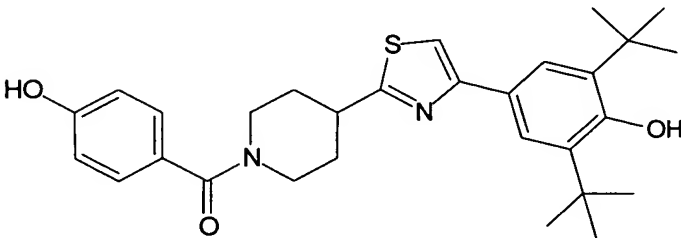
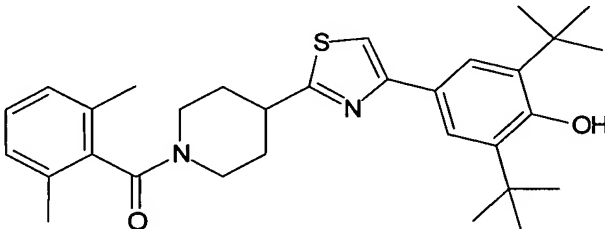
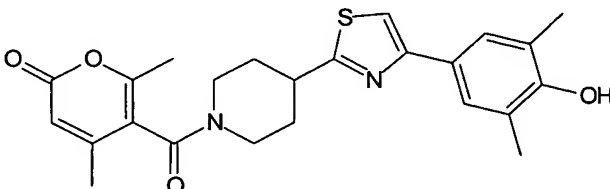
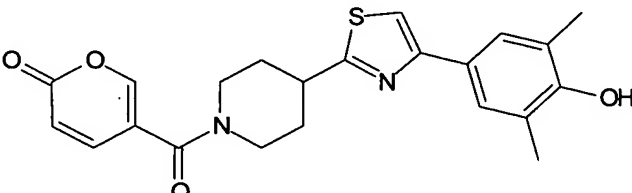
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1284 |  <chem>CC1=NC(=C(C=C1)c2cc3ccccc3o2)C(=NS1=CC=C1)C2=CC=C(C=C2)C(=O)N3CCCCC3C(=O)c4ccc(C(F)(F)F)cc4</chem> | |
| 1285 |  <chem>CC1=NC(=C(C=C1)c2cc3ccccc3o2)C(=NS1=CC=C1)C(=O)N2CCCCC2C(=O)Oc3ccccc3Cc4ccccc4</chem> | |
| 1286 |  <chem>CC1=NC(=C(C=C1)c2cc3ccccc3o2)C(=NS1=CC=C1)C(=O)N2CCCCC2C(=O)c3cc(OC)c(OC)c(OC)c3</chem> | |
| 1287 |  <chem>CCOC(=O)c1cc2ccccc2s1C(=NS1=CC=C1)C2=CC=C(C=C2)C(=O)N3CCCCC3C(=O)c4ccc(C(F)(F)F)cc4</chem> | |

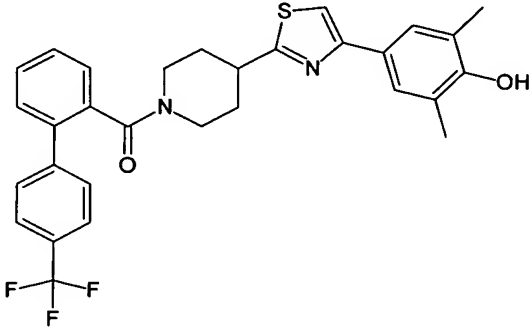
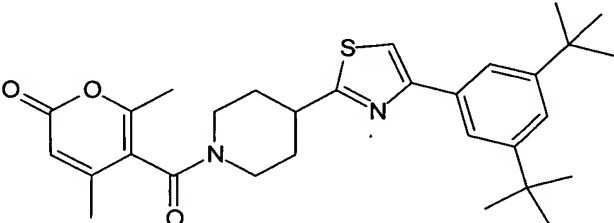
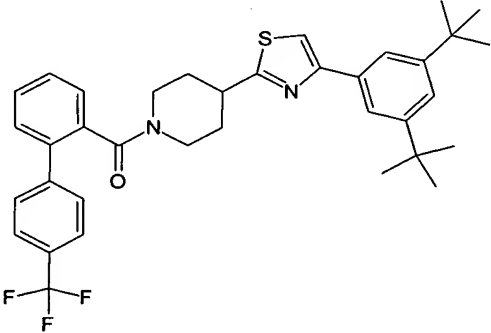
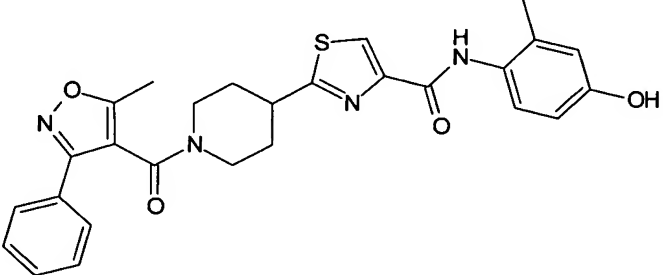
| No. | FORMULA | NMR or mass |
|------|--|-------------|
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| 1290 |  | |
| 1291 |  | |

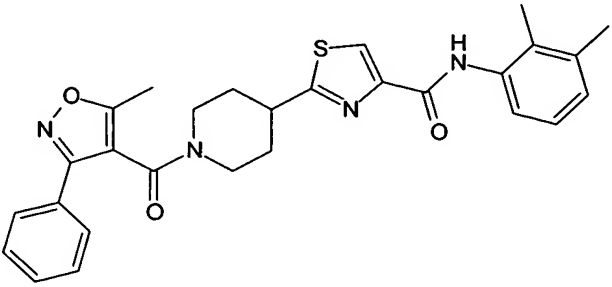
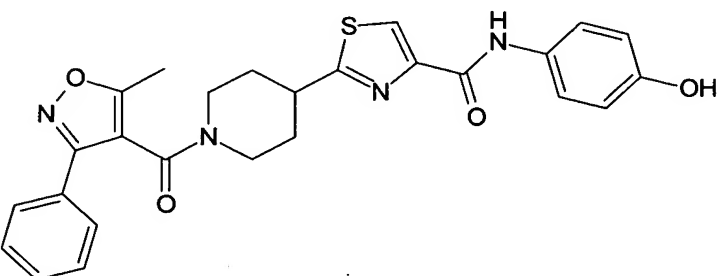
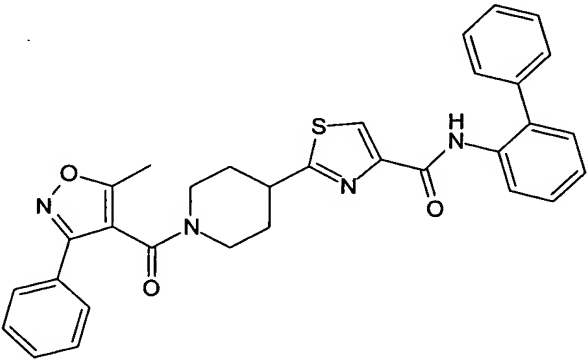
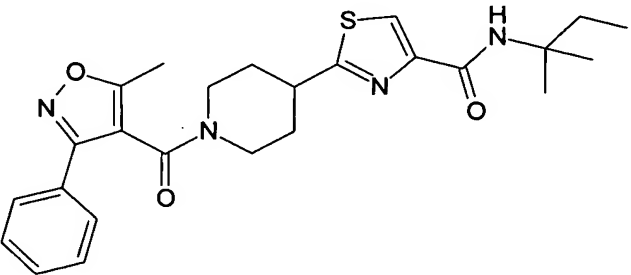
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1292 |  <chem>CC(C)(C)OC(=O)N1CCN(CC1)C2=NS=C(C2)c3cc(C)c(C)c3</chem> | |
| 1293 |  <chem>CCOC(=O)c1cc2n(s2)cc1C3CCN(CC3)C(=O)Nc4ccccc4c5ccc(CC)cc5</chem> | |
| 1294 |  <chem>CC(C)C1=CC=C(C=C1C2=CC=CC=C2C3=CC=CC=C3C4=CC=C(C=C4)C5=CC=CC=C5C6=NS=C(C6)C7CCN(CC7)C(=O)OC(C)(C)C)C8=CC=CC=C8C9=CC=C(C=C9)C(C)C</chem> | |
| 1295 |  <chem>CC(C)(C)OC(=O)N1CCN(CC1)C2=NS=C(C2)c3cc(C(C)(C)C)c(C(C)(C)C)c3</chem> | |

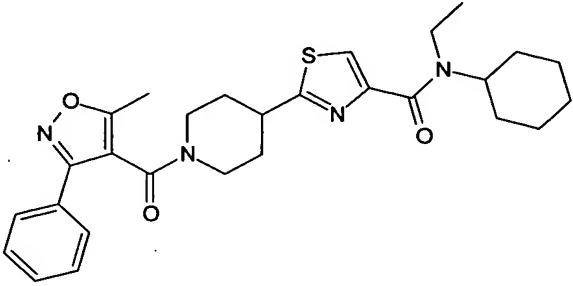
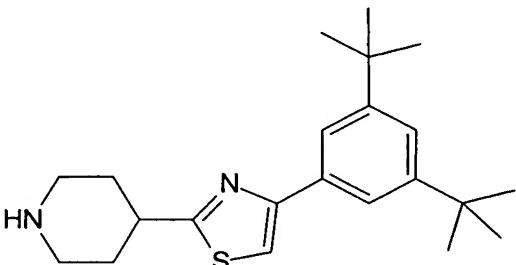
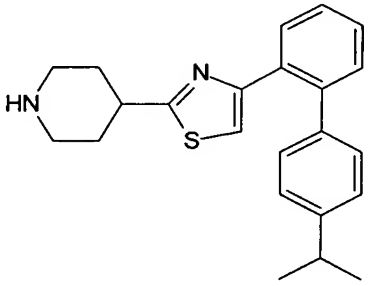
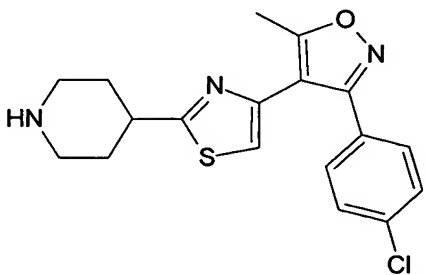
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1296 |  <chem>CC1=CC=C(C=C1)C2=CC=CC=C2NC(=O)N3CCCCC3c4nc(C(=O)O)cs4</chem> | |
| 1297 |  <chem>COc1cc(OC)cc(C(=O)N2CCCCC2c3nc(C(=O)OCC)cs3)c1</chem> | |
| 1298 |  <chem>CC(C)(C)OC(=O)N2CCCCC2c3nc(C(=O)N4CCCCC4)cs3</chem> | |
| 1299 |  <chem>CCOC(=O)c1nc(C2CCCCC2N2C(=O)c3ccccc3OCC4=CC=CC=C4)cs1</chem> | |

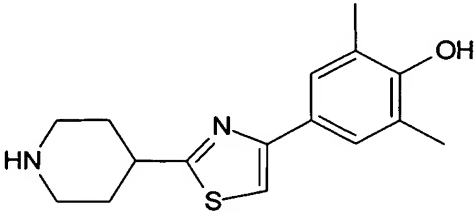
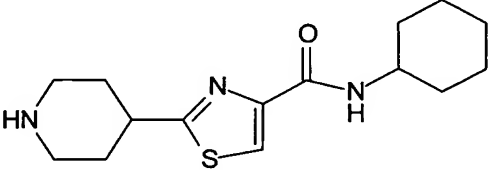
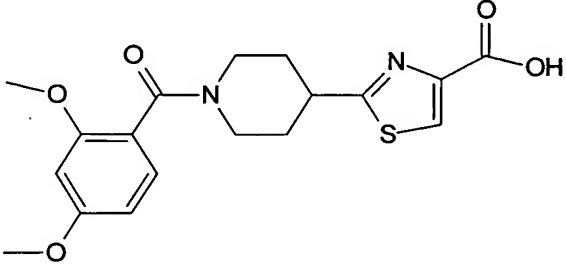
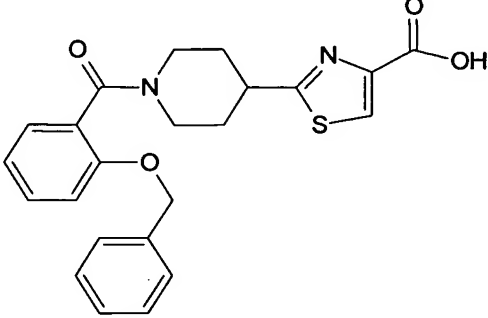
| No. | FORMULA | NMR or mass |
|------|--|-------------|
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| 1301 |  | |
| 1302 |  | |
| 1303 |  | |

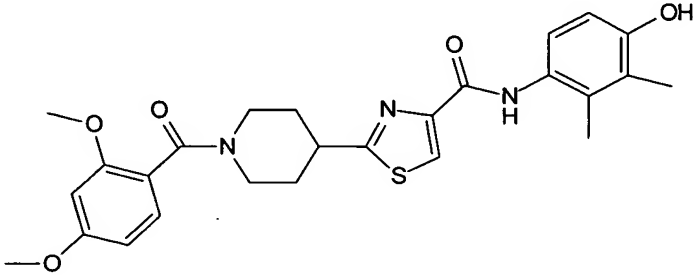
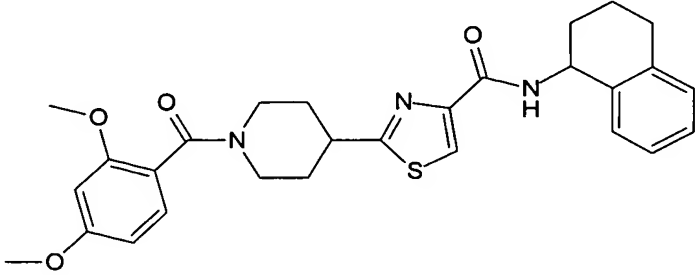
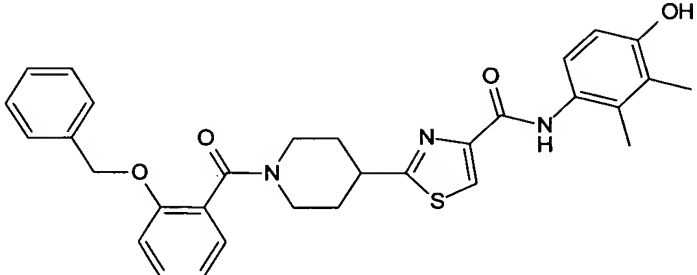
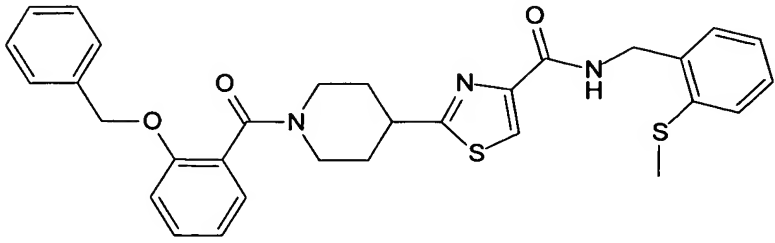
| No. | FORMULA | NMR or mass |
|------|--|-------------|
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| 1305 |  | |
| 1306 |  | |
| 1307 |  | |
| 1308 |  | |

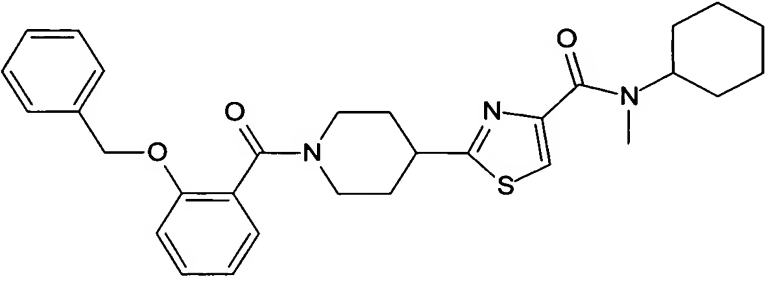
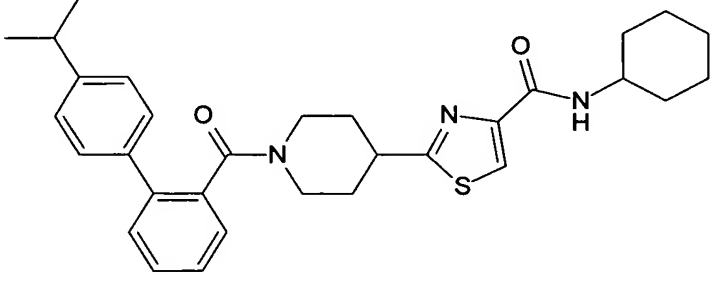
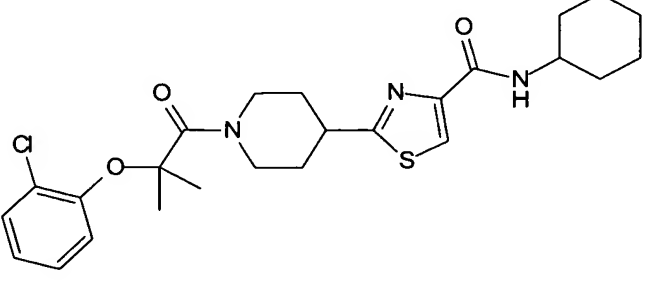
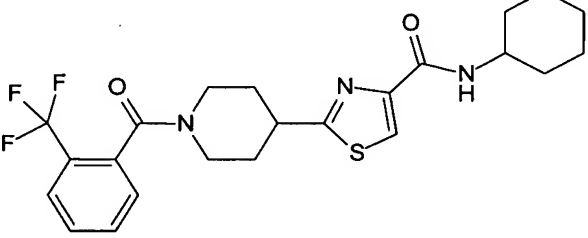
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1309 |  <chem>CC1=CC=C(C=C1C(=O)N2CCCCC2c3nc(C4=CC(=C(C=C4)O)C)cs3)C5=CC=C(C=C5)C6=CC=CC=C6C7(F)(F)F</chem> | |
| 1310 |  <chem>CC1=CC(=C(C=C1)C(=O)N2CCCCC2c3nc(C4=CC(C(C)(C)C)=CC(C(C)(C)C)=C4)cs3)C5=C(C)C(=O)OC5=C(C)C</chem> | |
| 1311 |  <chem>CC1=CC=C(C=C1C(=O)N2CCCCC2c3nc(C4=CC(C(C)(C)C)=CC(C(C)(C)C)=C4)cs3)C5=CC=C(C=C5)C6=CC=CC=C6C7(F)(F)F</chem> | |
| 1312 |  <chem>CC1=CC=C(C=C1C(=O)N2CCCCC2c3nc(C4=CC(=C(C=C4)NC(=O)c5cc(O)cc5C)cs3)C6=C(C)C(=O)N7C=CC(=C7)O</chem> | |

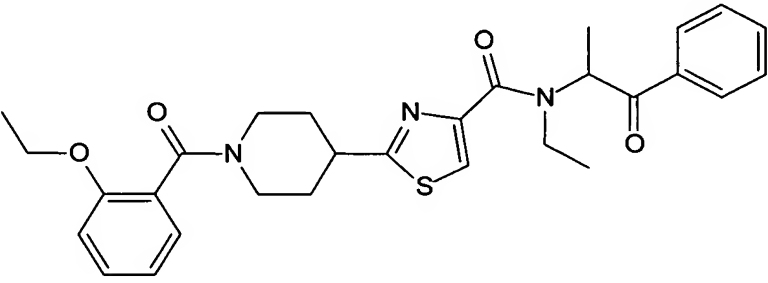
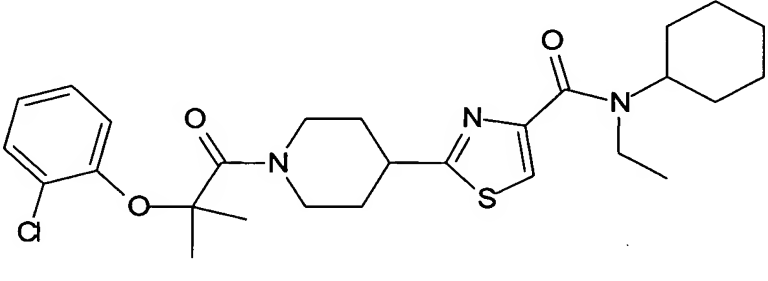
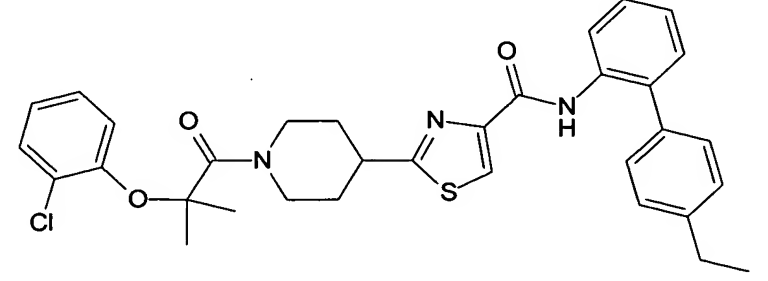
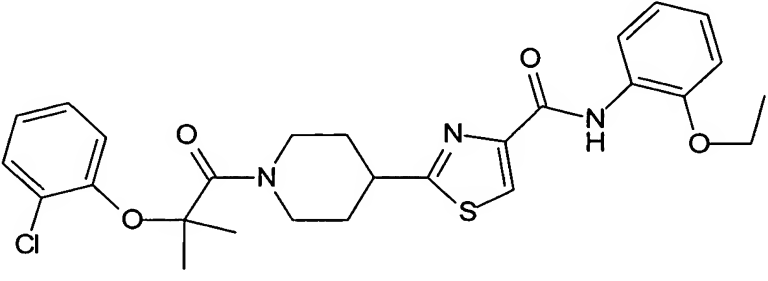
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1313 |  <chem>CC1=C(C(=O)N2CCCCC2C3=NC(=C(C=C3)NC(=C4C=C(C)C=C4C)C5=CC=CC=C5)S1)C6=CC=CC=C6</chem> | |
| 1314 |  <chem>CC1=C(C(=O)N2CCCCC2C3=NC(=C(C=C3)NC(=C4C=CC(=C4)O)C5=CC=CC=C5)S1)C6=CC=CC=C6</chem> | |
| 1315 |  <chem>CC1=C(C(=O)N2CCCCC2C3=NC(=C(C=C3)NC(=C4C=CC(=C4)C5=CC=CC=C5)S1)C6=CC=CC=C6</chem> | |
| 1316 |  <chem>CC1=C(C(=O)N2CCCCC2C3=NC(=C(C=C3)NC(=C4C=CC(=C4)C5=CC=CC=C5)S1)C6=CC=CC=C6</chem> | |

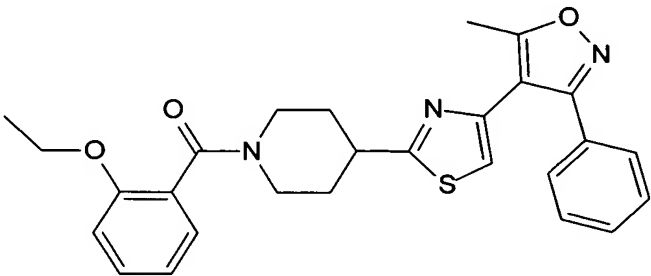
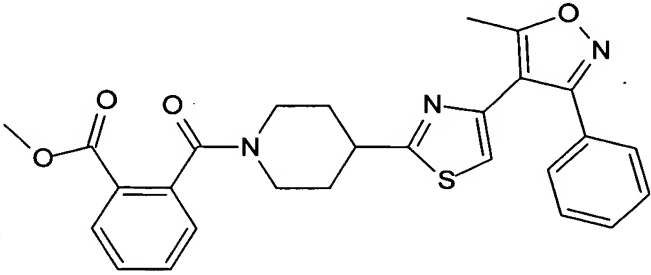
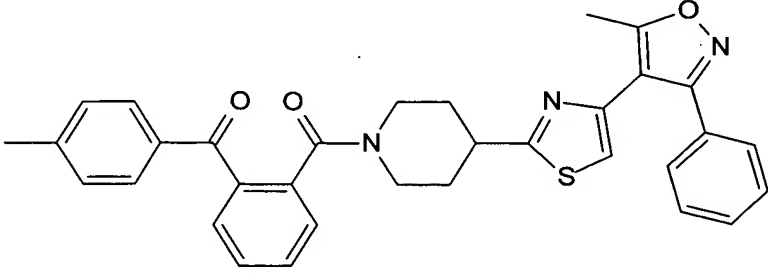
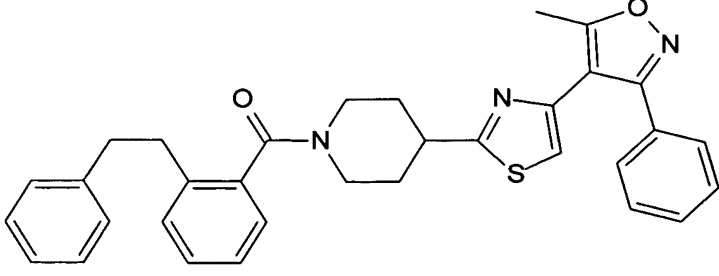
| No. | FORMULA | NMR or mass |
|------|---|-------------|
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| 1318 |  | |
| 1319 |  | |
| 1320 |  | |

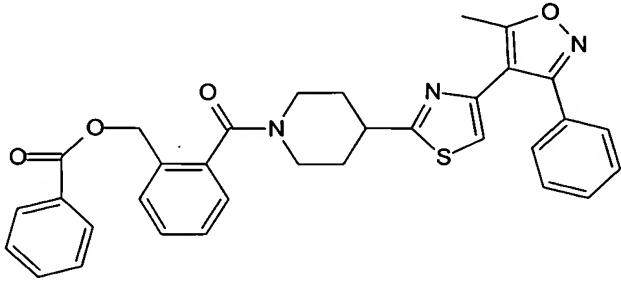
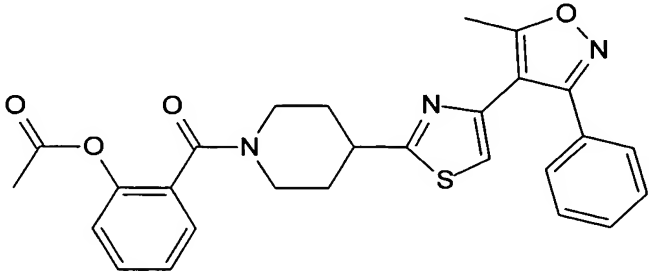
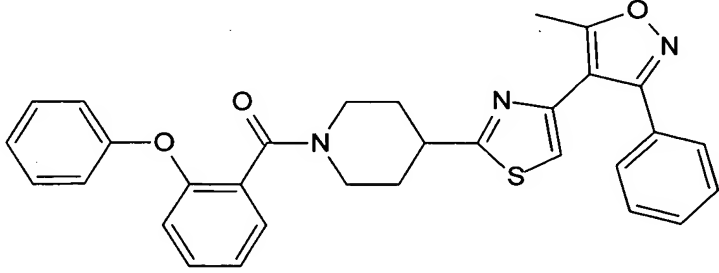
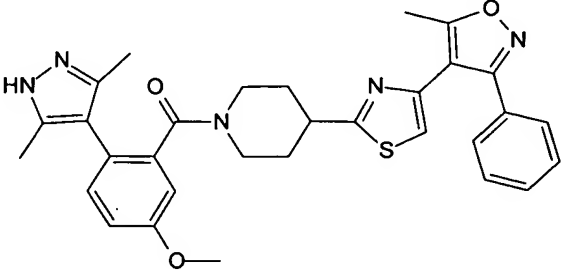
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1321 |  <chem>Cc1cc(C)c(O)cc1C2=CN=C(C2)C3CCNCC3</chem> | |
| 1322 |  <chem>C1CCNCC1C2=CN=C(C2)C(=O)NCC3CCCCC3</chem> H-Cl | |
| 1323 |  <chem>COc1cc(OC)cc(C(=O)N2CCN(CC2)C3=CN=C(C3)C(=O)O)c1</chem> | |
| 1324 |  <chem>O=C(O)C1=CN=C(C1)C2CCN(CC2)C3C(=O)C4=CC=CC=C4OC5=CC=CC=C5C3</chem> | |

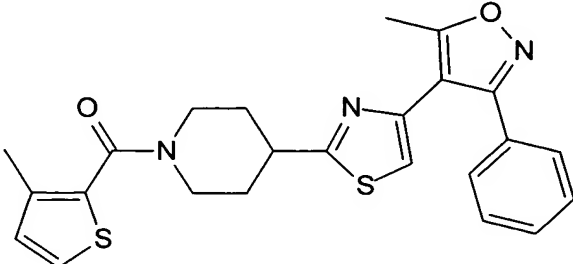
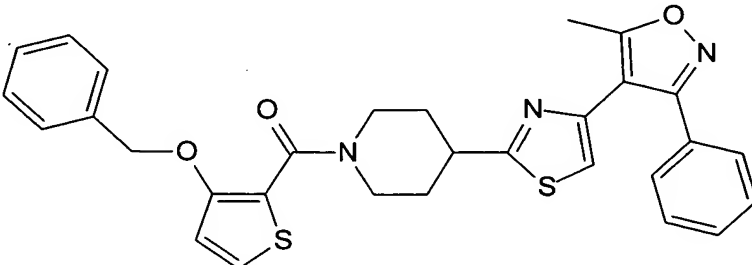
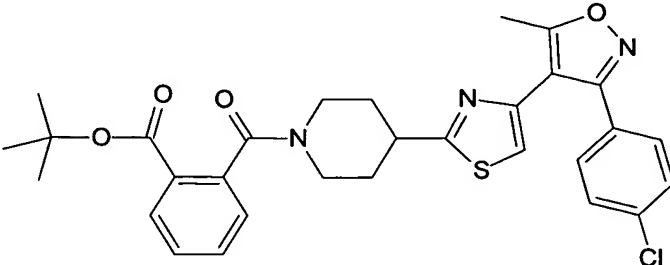
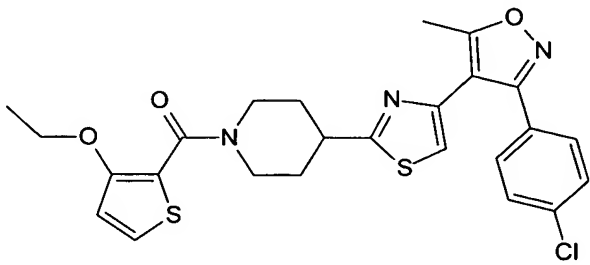
| No. | FORMULA | NMR or mass |
|------|--|-------------|
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| 1326 |  | |
| 1327 |  | |
| 1328 |  | |

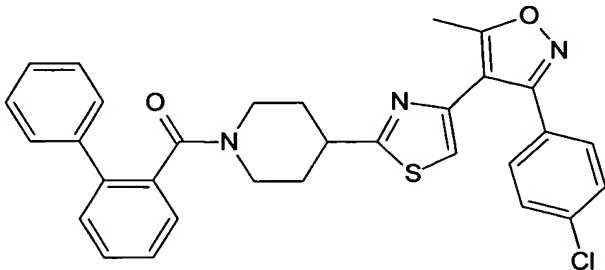
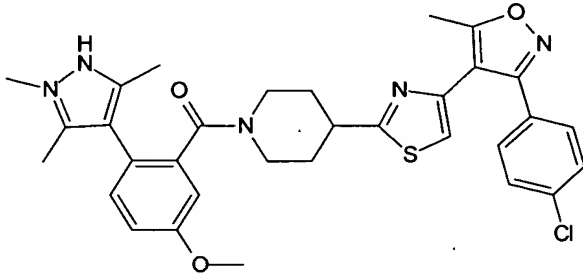
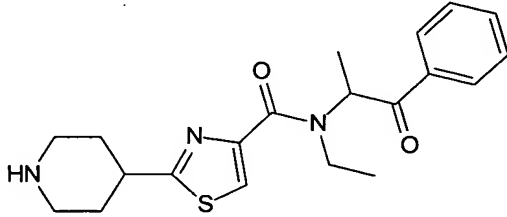
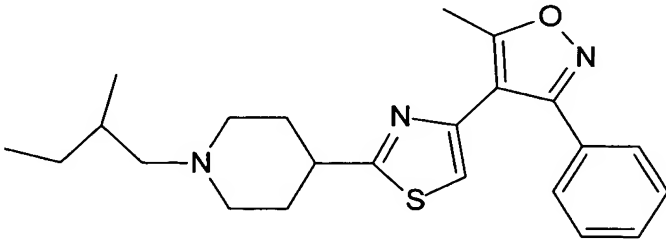
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1329 |  <chem>CC1(CCC1)C(=O)Nc2cc(C3CCNCC3)sc2C(=O)Oc4ccccc4Cc5ccccc5</chem> | |
| 1330 |  <chem>CC(C)c1ccc(cc1)C(=O)N2CCNCC2c3cc(C4CCNCC4)sc3C(=O)Nc5ccccc5</chem> | |
| 1331 |  <chem>CC(C)(C)C(=O)Oc1cccc(Cl)c1C(=O)N2CCNCC2c3cc(C4CCNCC4)sc3C(=O)Nc5ccccc5</chem> | |
| 1332 |  <chem>FC(F)(F)c1ccccc1C(=O)N2CCNCC2c3cc(C4CCNCC4)sc3C(=O)Nc5ccccc5</chem> | |

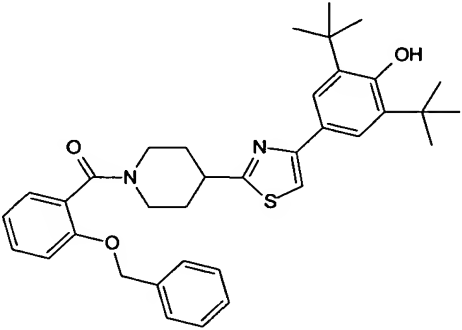
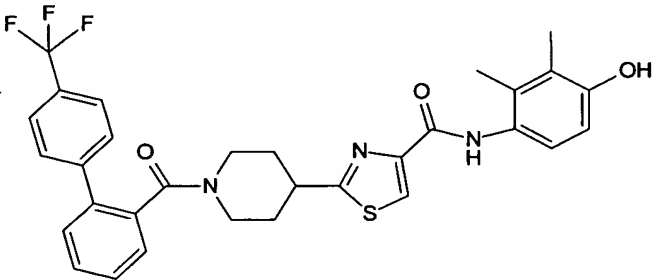
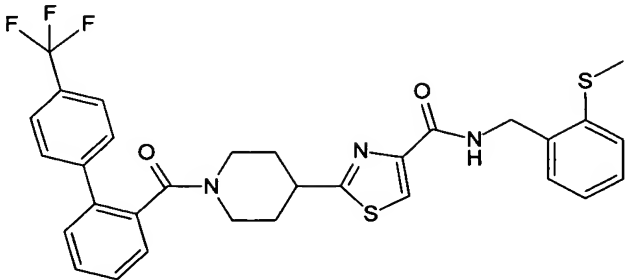
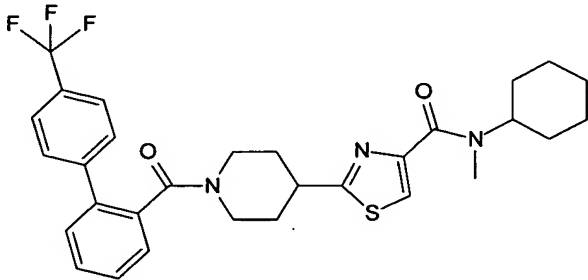
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1333 |  <chem>CCOC(=O)c1ccccc1N1CCCCC1c2ccsc2C(=O)N(CC)C(=O)c3ccccc3</chem> | |
| 1334 |  <chem>CCOC(=O)C(C)(C)c1cc(Cl)ccc1N1CCCCC1c2ccsc2C(=O)N(CC)C(=O)c3ccccc3</chem> | |
| 1335 |  <chem>CCOC(=O)C(C)(C)c1cc(Cl)ccc1N1CCCCC1c2ccsc2C(=O)N(CC)C(=O)c3ccc(cc3)CC</chem> | |
| 1336 |  <chem>CCOC(=O)C(C)(C)c1cc(Cl)ccc1N1CCCCC1c2ccsc2C(=O)N(CC)C(=O)c3cc(OC)ccc3</chem> | |

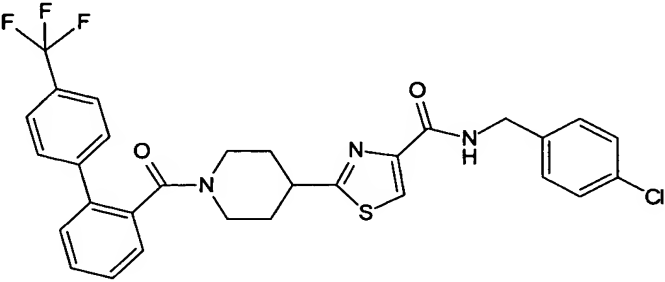
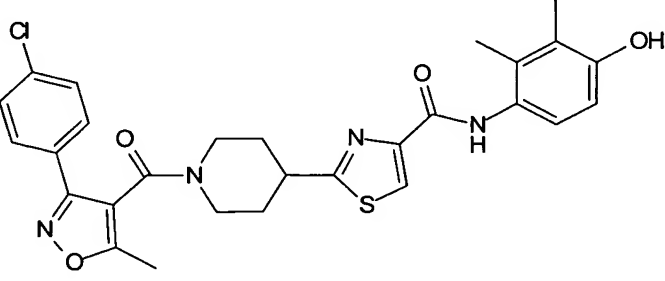
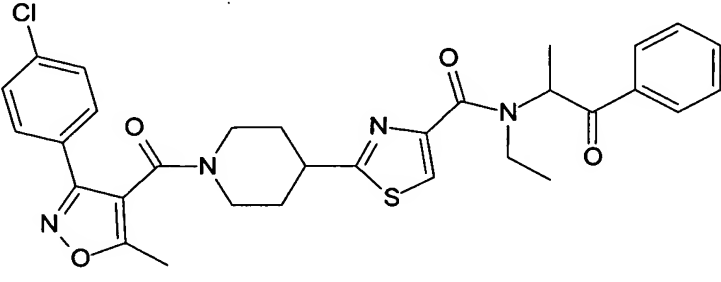
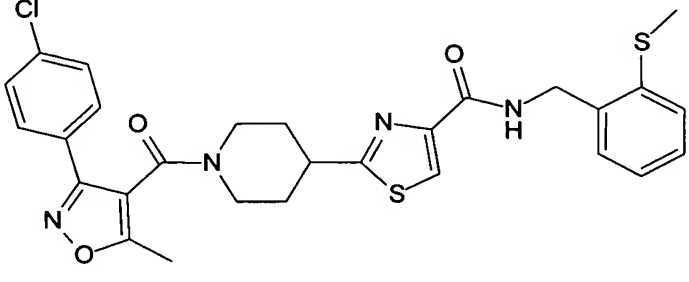
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1337 |  | |
| 1338 |  | |
| 1339 |  | |
| 1340 |  | |

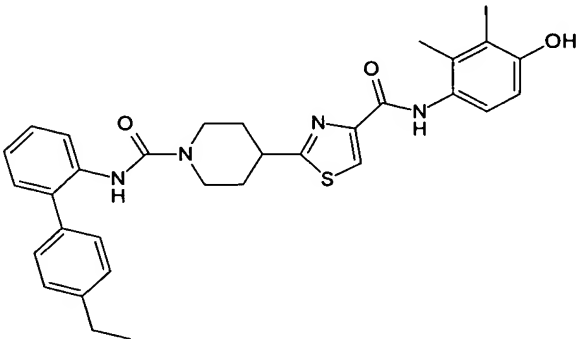
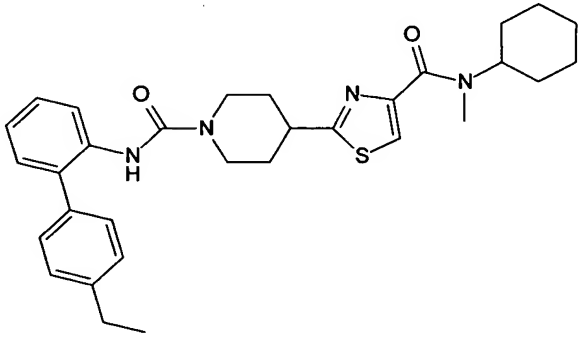
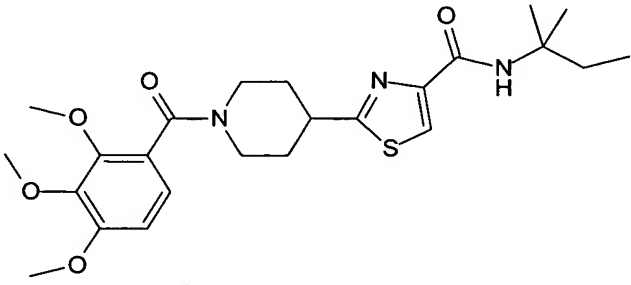
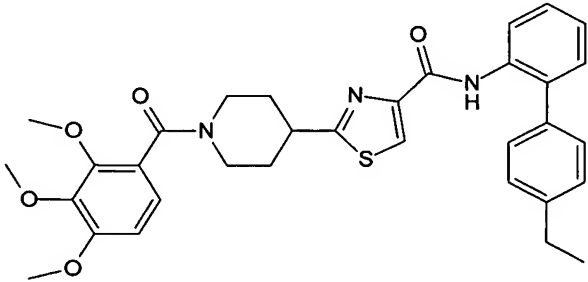
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1341 |  <chem>CC1=CN=C(C2=CC=CC=C2C3=CC=CC=C3N1)C4=CC=CC=C4C5=CC=CC=C5C(=O)N6CCCCC6C(=O)C7=CC=CC=C7COC(=O)C8=CC=CC=C8</chem> | |
| 1342 |  <chem>CC1=CN=C(C2=CC=CC=C2C3=CC=CC=C3N1)C4=CC=CC=C4C5=CC=CC=C5C(=O)N6CCCCC6C(=O)C7=CC=CC=C7COC(=O)C</chem> | |
| 1343 |  <chem>CC1=CN=C(C2=CC=CC=C2C3=CC=CC=C3N1)C4=CC=CC=C4C5=CC=CC=C5C(=O)N6CCCCC6C(=O)C7=CC=CC=C7OC8=CC=CC=C8</chem> | |
| 1344 |  <chem>CC1=CN=C(C2=CC=CC=C2C3=CC=CC=C3N1)C4=CC=CC=C4C5=CC=CC=C5C(=O)N6CCCCC6C(=O)C7=CC=C(OC)C=C7</chem> | |

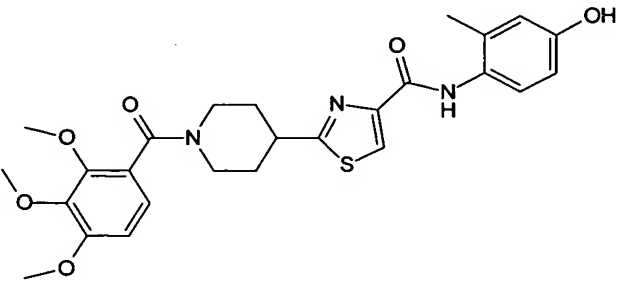
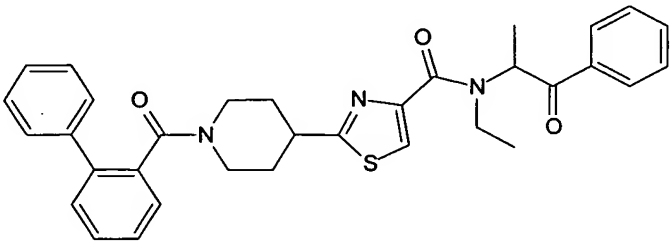
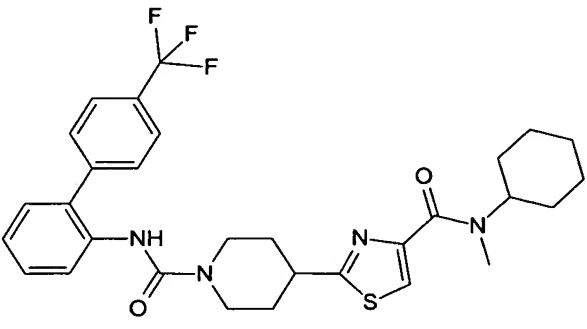
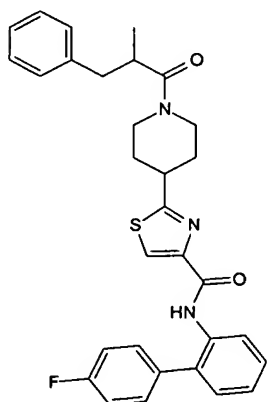
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1345 |  <chem>Cc1cc(s1)C(=O)N2CCCCC2c3cc(sc3)c4c(c5ccccc5o4)C</chem> | |
| 1346 |  <chem>Cc1cc(s1)C(=O)N2CCCCC2c3cc(sc3)c4c(c5ccccc5o4)COCc6ccccc6</chem> | |
| 1347 |  <chem>CC1(C)OC(=O)c2ccccc2C(=O)N3CCCCC3c4cc(sc4)c5c(c6ccc(Cl)cc6o5)C</chem> | |
| 1348 |  <chem>CCOC1=CC=C(S1)C(=O)N2CCCCC2c3cc(sc3)c4c(c5ccc(Cl)cc5o4)C</chem> | |

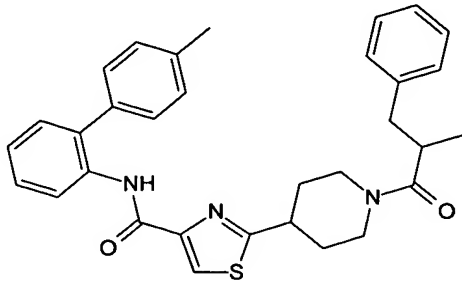
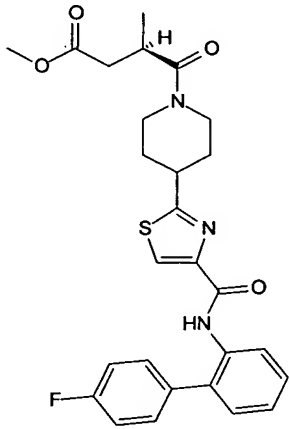
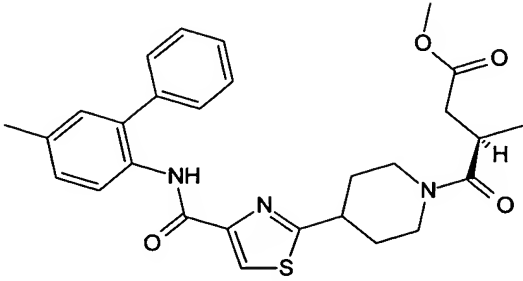
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1349 |  | |
| 1350 |  | |
| 1351 |  H-Cl | |
| 1352 |  | |

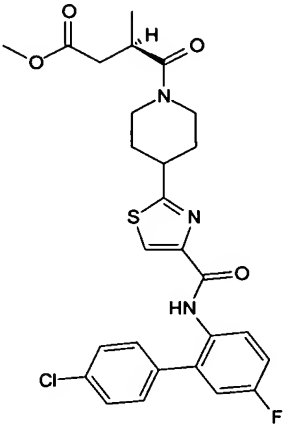
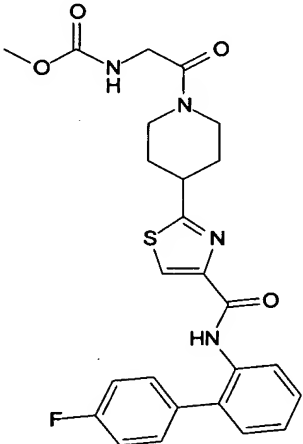
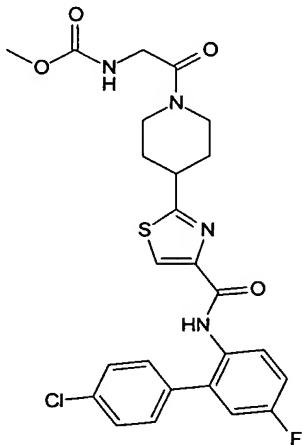
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1353 |  <p>4-(2-{1-[2-(benzyloxy)benzoyl]piperidin-4-yl}-1,3-thiazol-4-yl)-2,6-di-tert-butylphenol</p> | |
| 1354 |  <p>4-(2-{1-[2-(4-(trifluoromethyl)phenyl)benzoyl]piperidin-4-yl}-1,3-thiazol-4-yl)-2-methylphenol</p> | |
| 1355 |  <p>4-(2-{1-[2-(4-(trifluoromethyl)phenyl)benzoyl]piperidin-4-yl}-1,3-thiazol-4-yl)-N-(2-methylsulfenylbenzyl)benzamide</p> | |
| 1356 |  <p>4-(2-{1-[2-(4-(trifluoromethyl)phenyl)benzoyl]piperidin-4-yl}-1,3-thiazol-4-yl)-N-methylcyclohexylcarbamate</p> | |

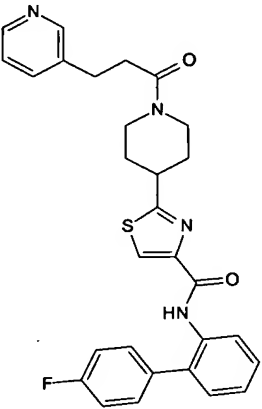
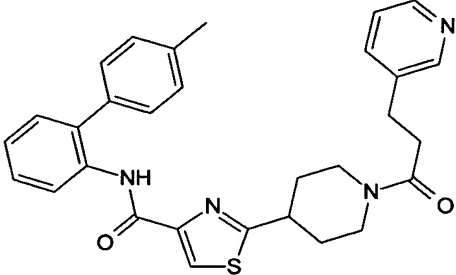
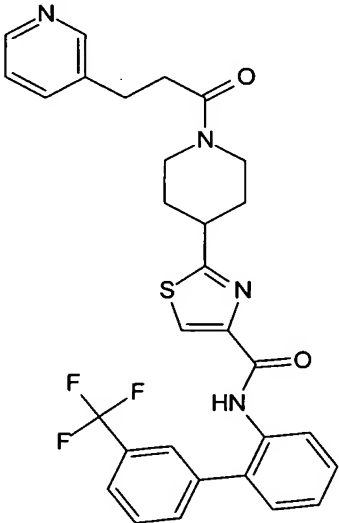
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1357 |  <chem>Clc1ccc(cc1)CN(C(=O)c2cc3sc(C4CCN(CC4)c5c(cc6ccccc6c5C(=O)c7ccccc7C(F)(F)F)cc7)nn3)cc2</chem> | |
| 1358 |  <chem>Cc1cc(O)cc(C)c1NC(=O)c2cc3sc(C4CCN(CC4)c5c(cc6cc(Cl)cc6c5C(=O)c7cc(Cl)cc7)nn3)cc2</chem> | |
| 1359 |  <chem>CC(C)C(=O)N(C(=O)c2cc3sc(C4CCN(CC4)c5c(cc6cc(Cl)cc6c5C(=O)c7cc(Cl)cc7)nn3)cc2)CCc8ccccc8</chem> | |
| 1360 |  <chem>Cc1cccc(CS)c1CN(C(=O)c2cc3sc(C4CCN(CC4)c5c(cc6cc(Cl)cc6c5C(=O)c7cc(Cl)cc7)nn3)cc2)CC</chem> | |

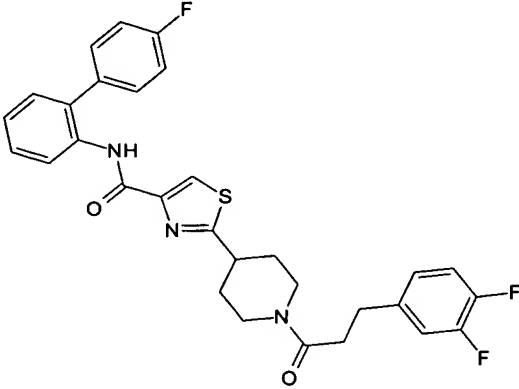
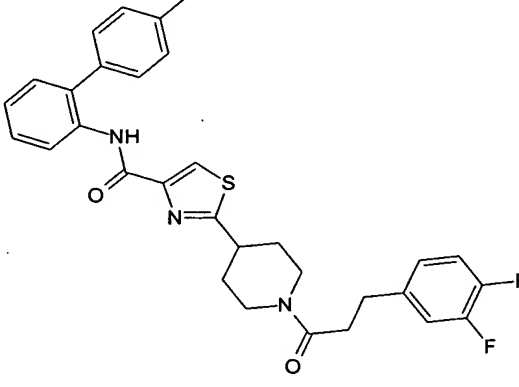
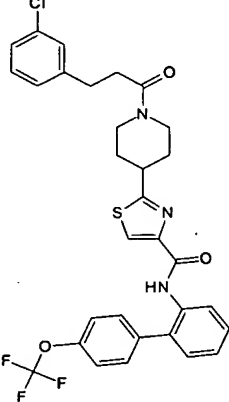
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1361 |  <chem>CCc1ccc(cc1)-c2ccccc2NC(=O)N3CCCCC3c4sc(C(=O)Nc5cc(C)c(C)c(O)c5)n4</chem> | |
| 1362 |  <chem>CCc1ccc(cc1)-c2ccccc2NC(=O)N3CCCCC3c4sc(C(=O)N(C)C5CCCCC5)n4</chem> | |
| 1363 |  <chem>COc1cc(OC)c(OC)cc1C(=O)N2CCCCC2c3sc(C(=O)NC(C)CC)n3</chem> | |
| 1364 |  <chem>COc1cc(OC)c(OC)cc1C(=O)N2CCCCC2c3sc(C(=O)Nc4ccccc4-c5ccc(CC)cc5)n3</chem> | |

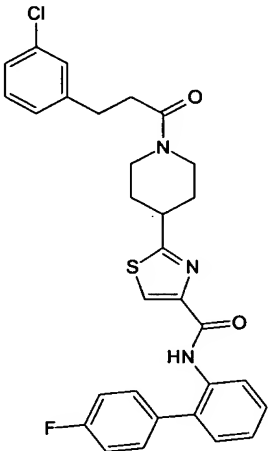
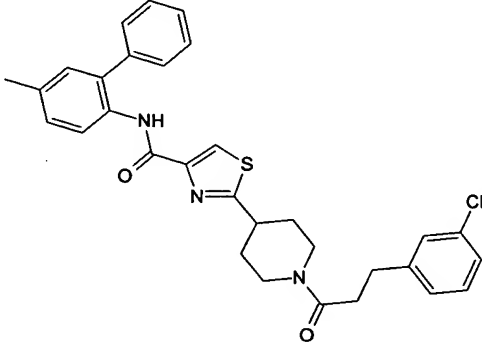
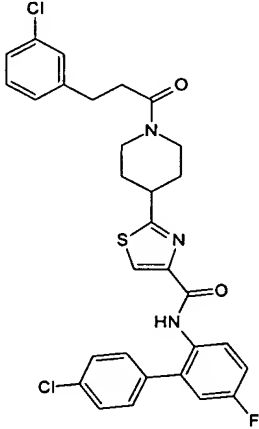
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1365 |  | |
| 1366 |  | |
| 1367 |  | |
| 1368 |  <p data-bbox="316 1785 1209 1848">N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

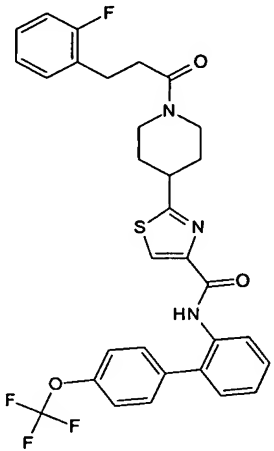
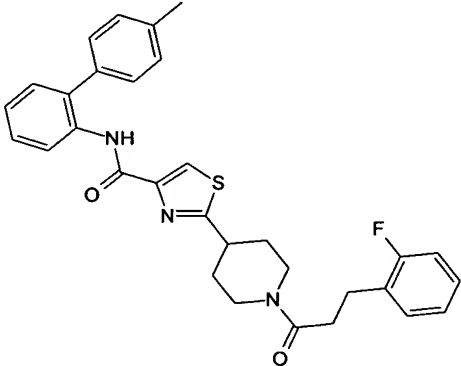
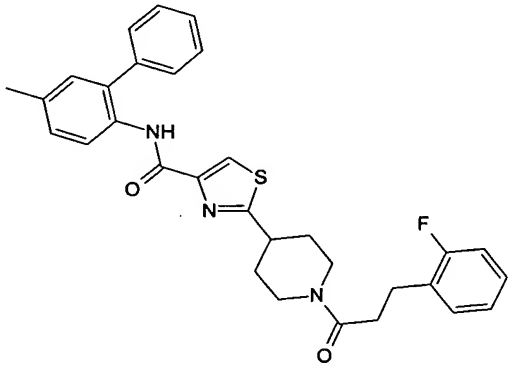
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1369 |  | |
| 1370 |  <p data-bbox="310 1121 1203 1178">methyl (3R)-4-[4-(4-[[[(4'-fluorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl]piperidin-1-yl]-3-methyl-4-oxobutanoate</p> | |
| 1371 |  | |

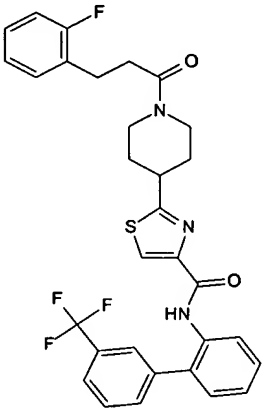
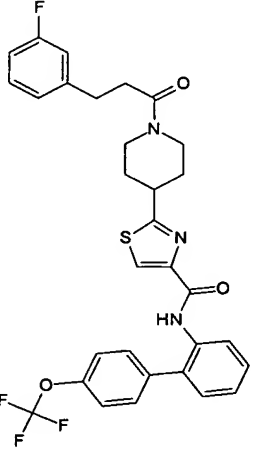
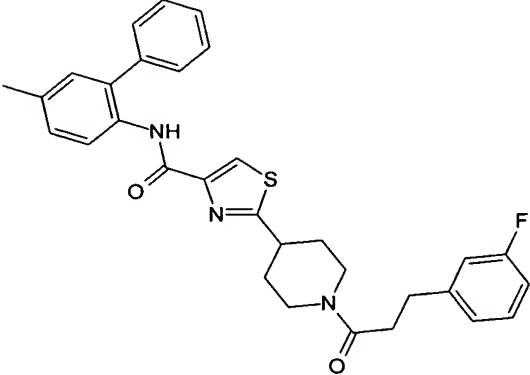
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1372 |  <p>methyl (3R)-4-[4-(4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]-3-methyl-4-oxobutanoate</p> | |
| 1373 |  | |
| 1374 |  | |

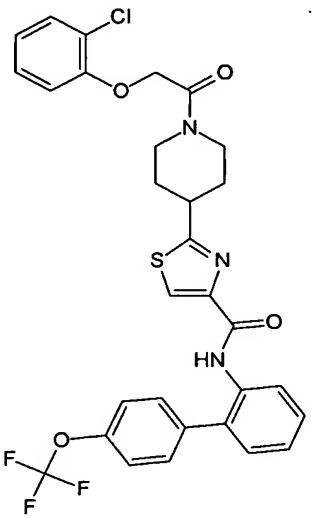
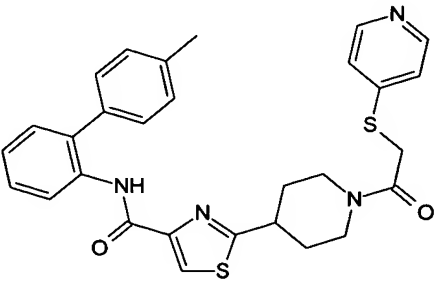
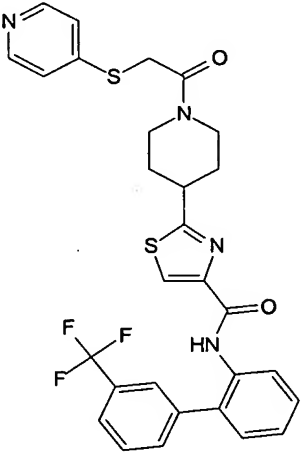
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1375 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1376 |  <p>N-(4-methylphenyl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1377 |  <p>N-(4-(trifluoromethyl)biphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

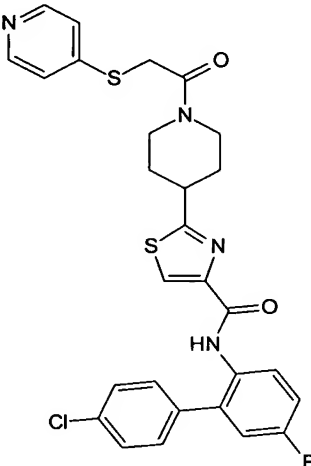
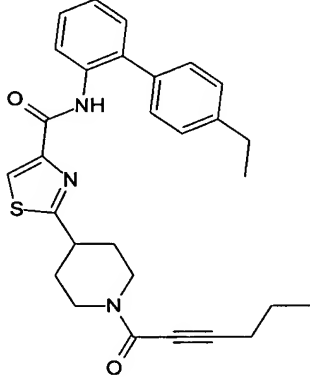
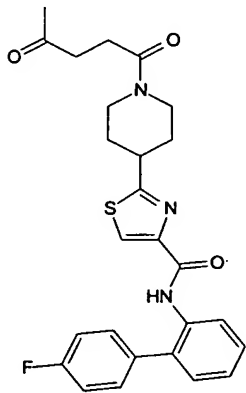
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1378 |  <p data-bbox="310 768 1211 825">2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1379 |  <p data-bbox="310 1266 1211 1323">2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1380 |  <p data-bbox="310 1801 1187 1858">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

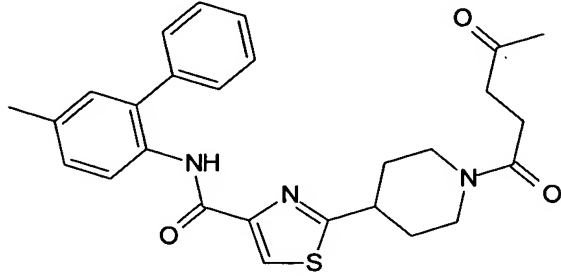
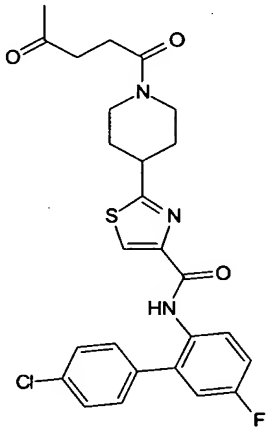
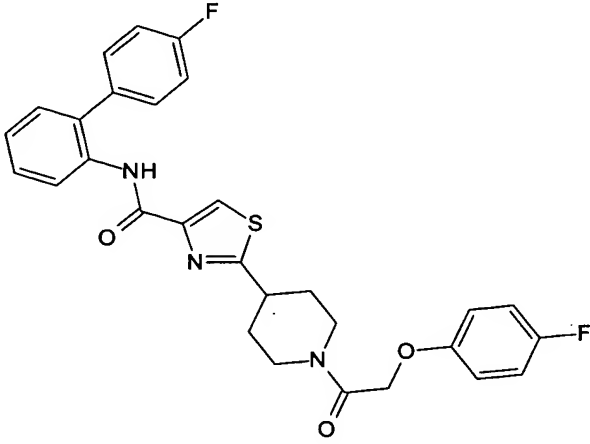
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1381 |  <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1382 |  <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1383 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

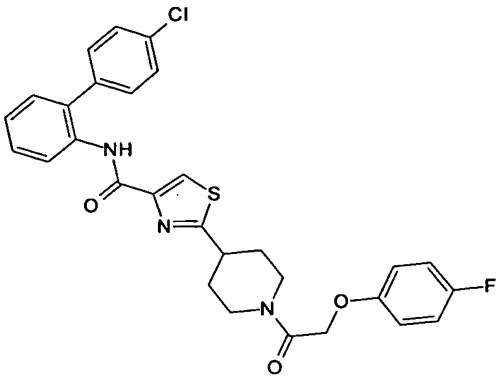
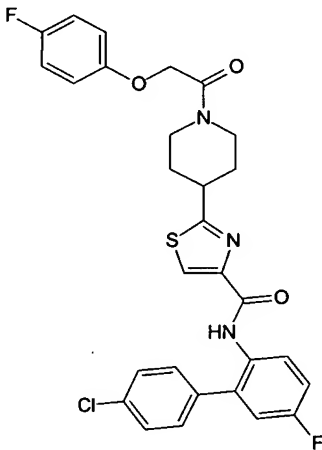
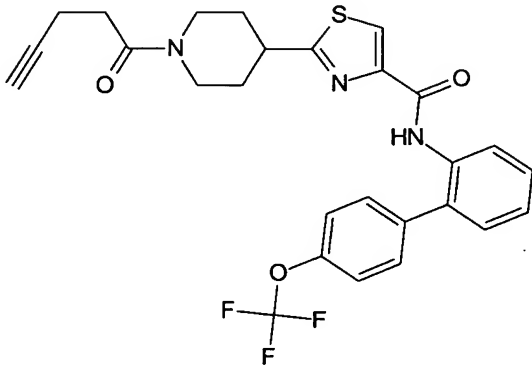
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1384 |  <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1385 |  <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1386 |  <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

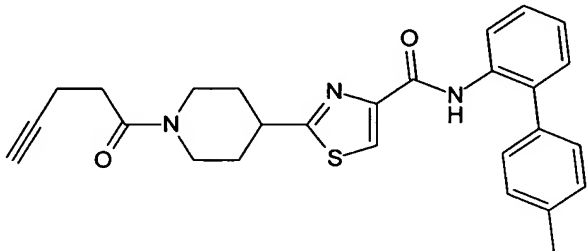
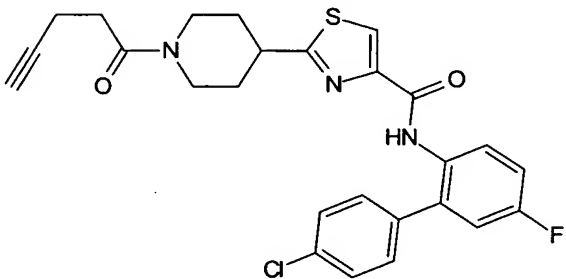
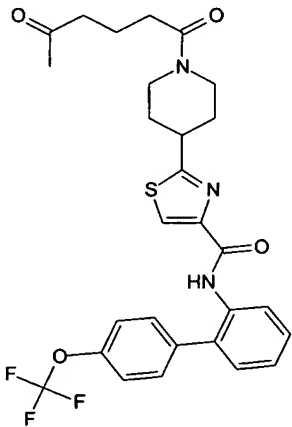
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1387 |  <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1388 |  <p>2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1389 |  <p>2-{1-[3-(4-fluorophenyl)propanoyl]piperidin-4-yl}-N-[3-(4-methylphenyl)-2-phenyl]-1,3-thiazole-4-carboxamide</p> | |

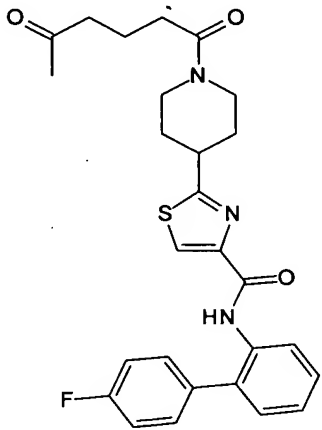
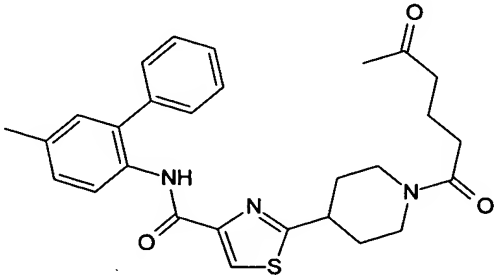
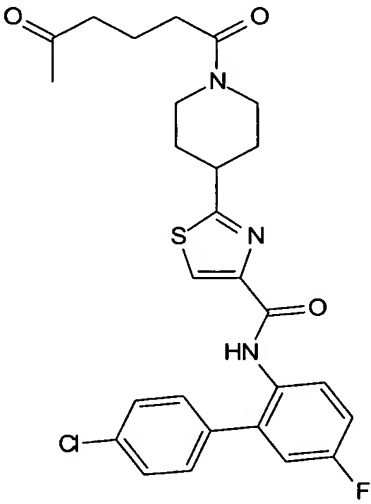
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1390 |  <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1391 |  <p>2-{1-[(4-methylphenyl)carbamoyl]piperidin-4-yl}-N-[4-(pyridin-2-ylthio)acetyl]-1,3-thiazole-4-carboxamide</p> | |
| 1392 |  <p>2-{1-[(4-(trifluoromethyl)phenyl)carbamoyl]piperidin-4-yl}-N-[4-(pyridin-2-ylthio)acetyl]-1,3-thiazole-4-carboxamide</p> | |

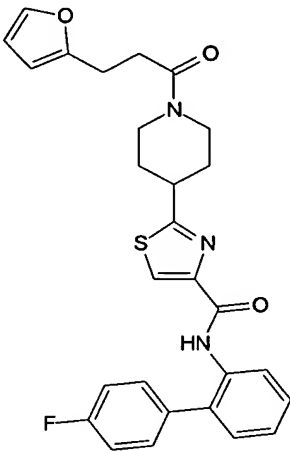
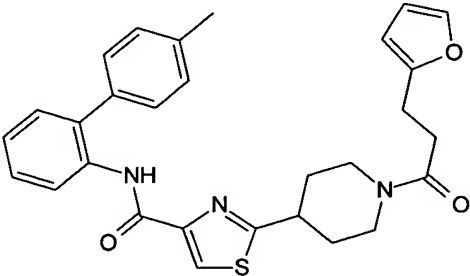
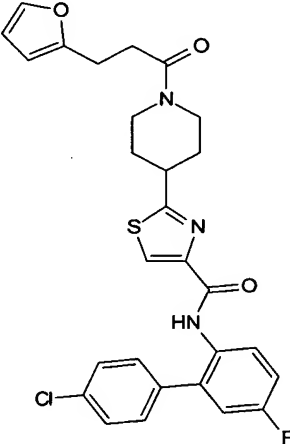
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1393 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1394 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1395 |  <p>N-(4-fluorobiphenyl-2-yl)-2-{1-[(4-oxopentyl)thio]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

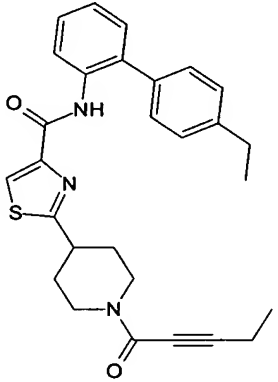
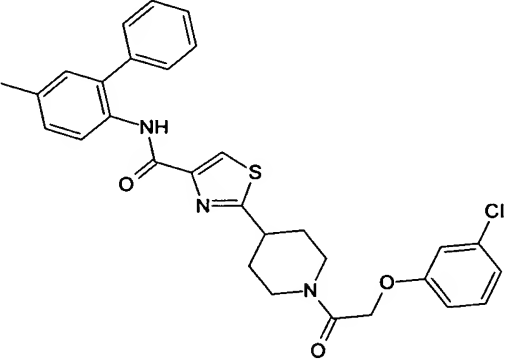
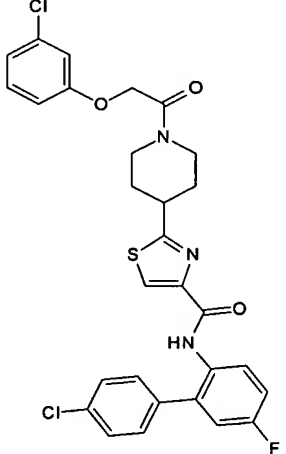
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|------|--|-------------|
| 1396 |  | |
| 1397 |  <p data-bbox="310 1121 1211 1184">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(4-oxopentanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1398 |  | |

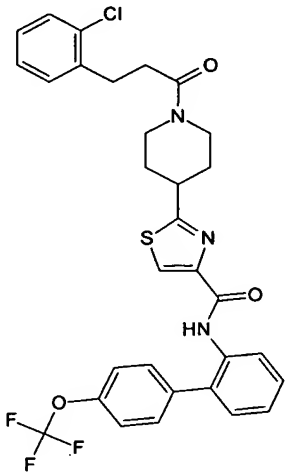
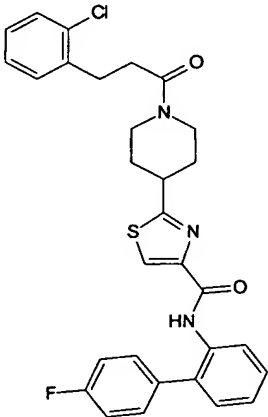
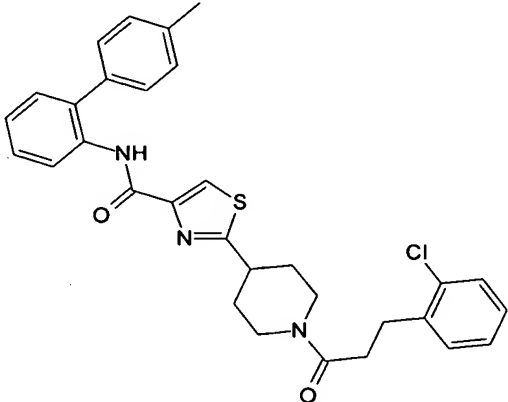
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|------|--|-------------|
| 1399 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1400 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1401 |  <p>N-(4-(trifluoromethoxy)biphenyl-2-yl)-2-{1-[(4-ethynylbutyryl)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

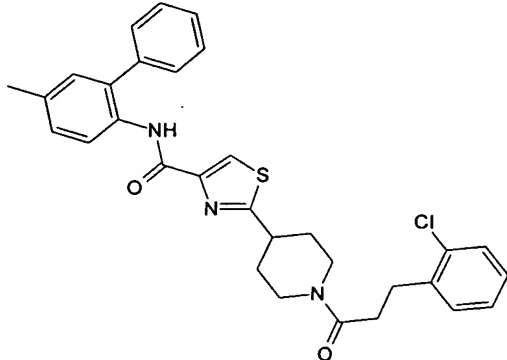
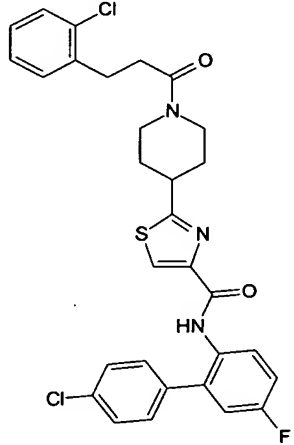
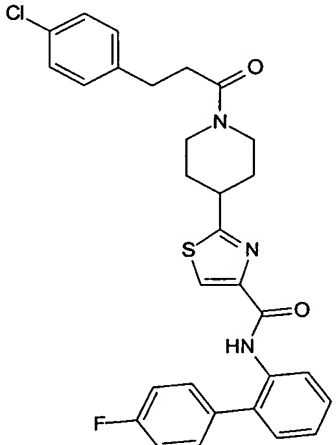
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|------|---|-------------|
| 1402 |  | |
| 1403 |  | |
| 1404 |  <p data-bbox="310 1482 1187 1541">2-[1-(5-oxohexanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

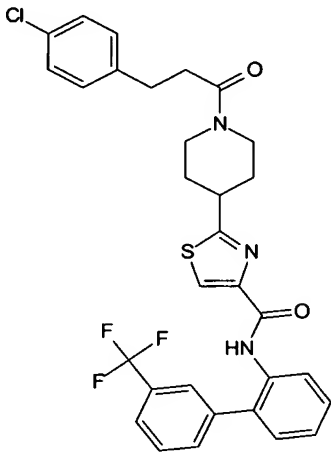
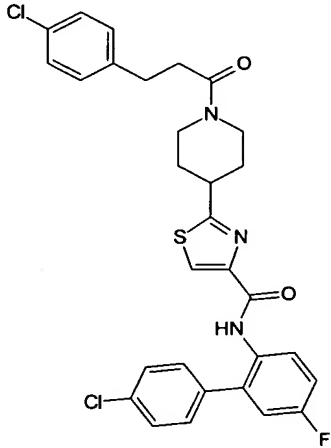
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1405 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(5-oxohexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1406 |  | |
| 1407 |  | |

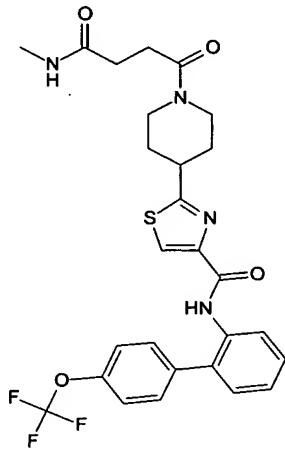
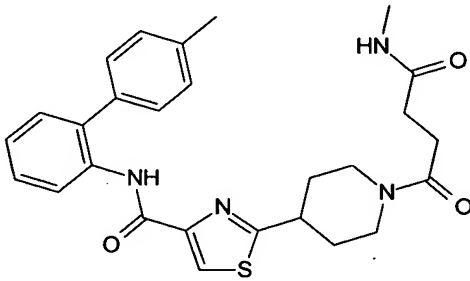
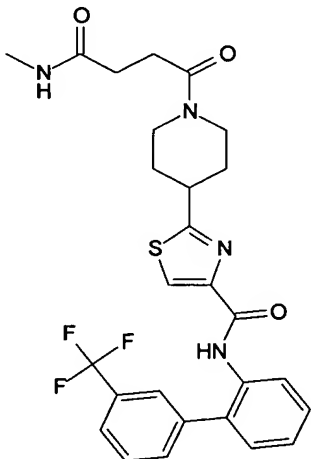
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1408 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1409 |  <p>N-(4-methylbiphenyl-2-yl)-2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1410 |  <p>N-(4-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

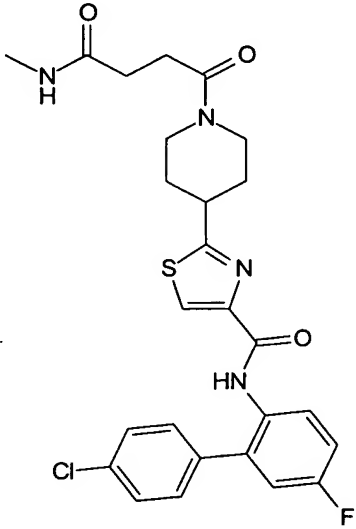
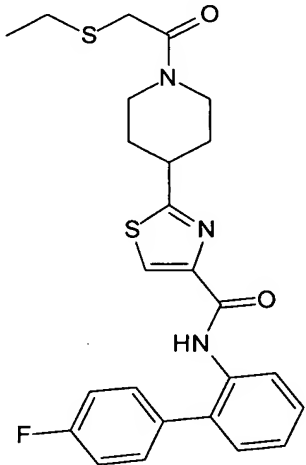
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1411 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1412 |  <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1413 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

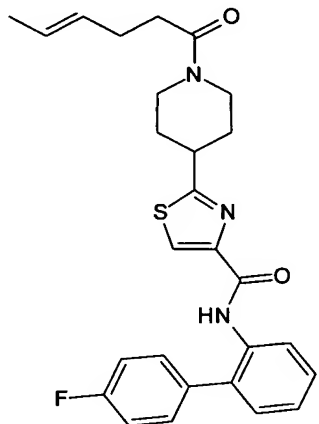
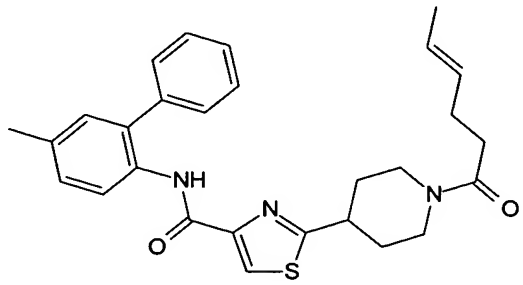
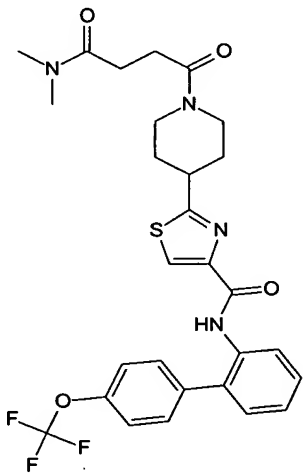
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1414 |  <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1415 |  <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1416 |  <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

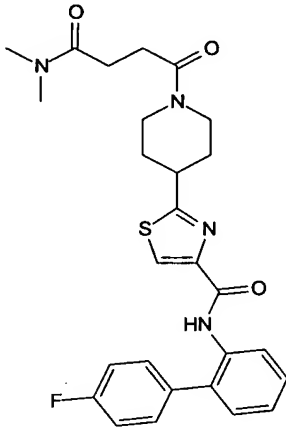
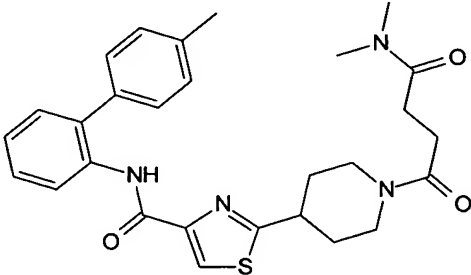
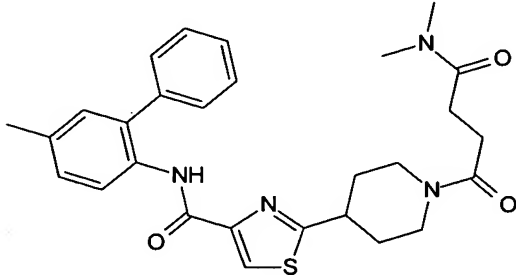
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1417 |  <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1418 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1419 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

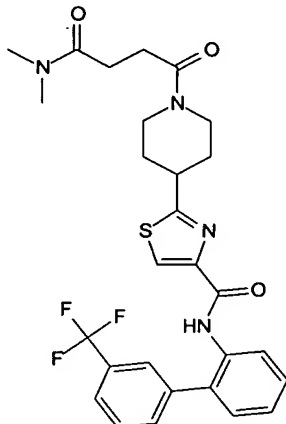
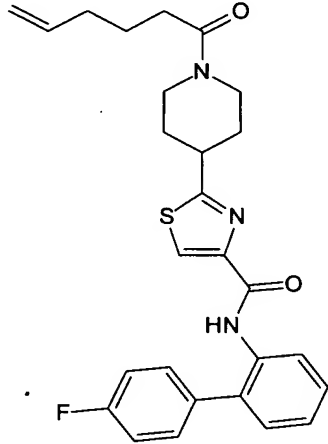
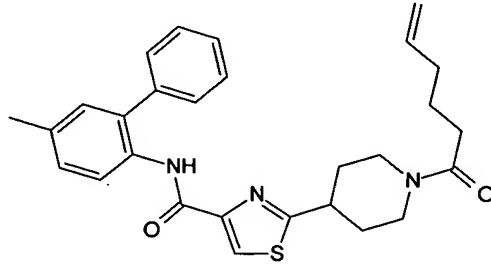
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1420 |  <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1421 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

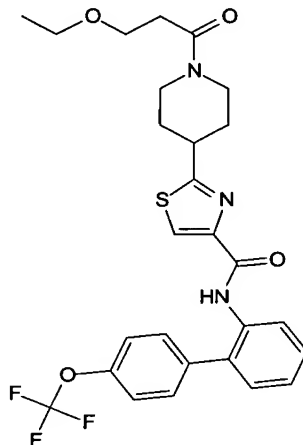
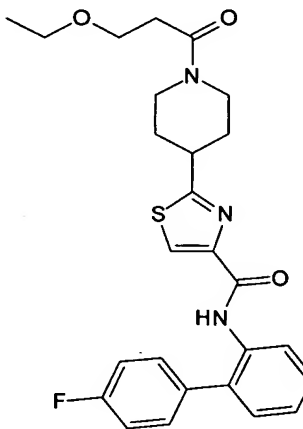
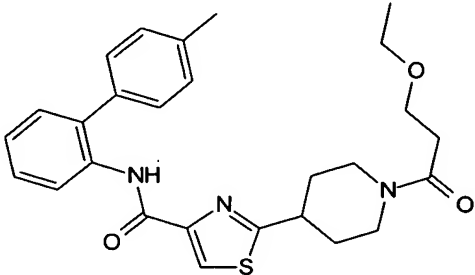
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1422 |  <p>2-{1-[4-(methyamino)-4-oxobutanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1423 |  <p>2-{1-[4-(methyamino)-4-oxobutanoyl]piperidin-4-yl}-N-[2-(4-methylphenyl)-1-phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1424 |  <p>2-{1-[4-(methyamino)-4-oxobutanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

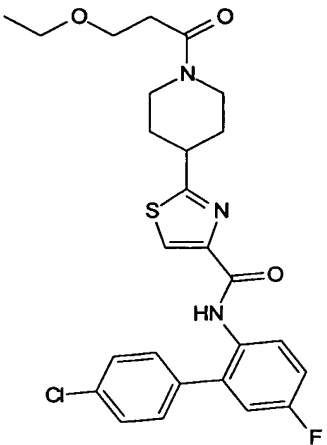
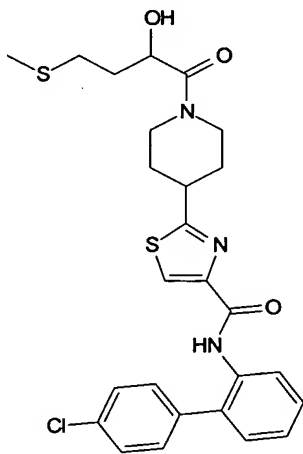
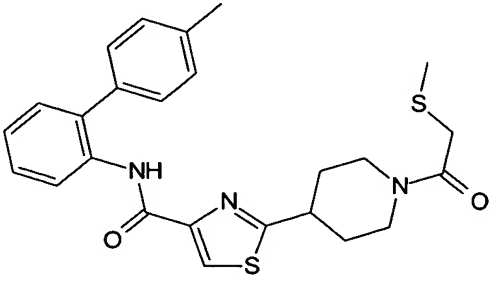
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1425 |  <p data-bbox="310 953 1187 1016">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[4-(methylamino)-4-oxobutanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1426 |  <p data-bbox="310 1612 1208 1669">2-{1-[(ethylthio)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

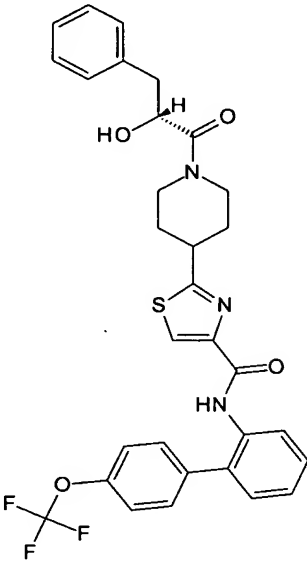
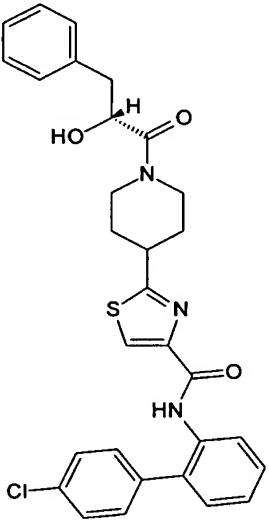
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1427 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1428 |  <p>2-{1-[4-(4-methyl-2-phenylphenyl)-1,3-thiazol-2-yl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1429 |  <p>2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

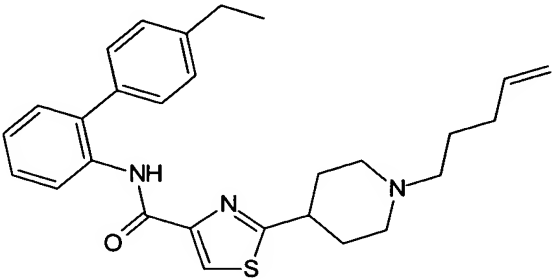
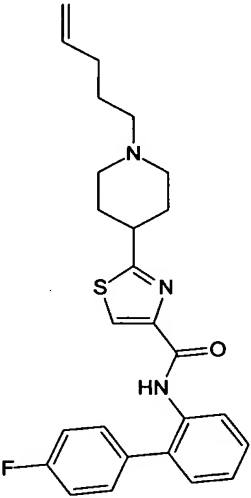
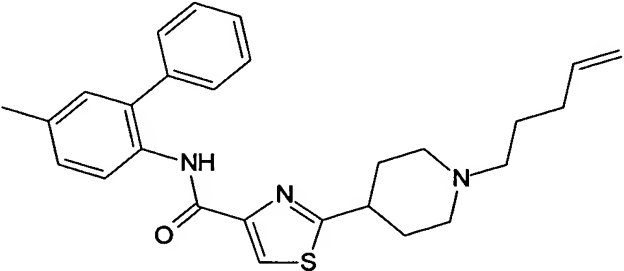
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1430 |  <p>2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1431 |  | |
| 1432 |  | |

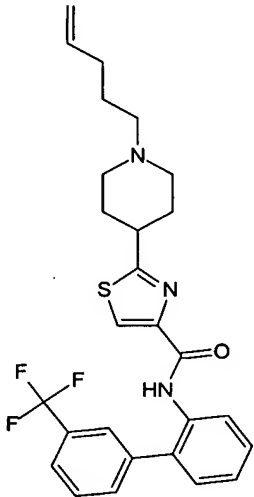
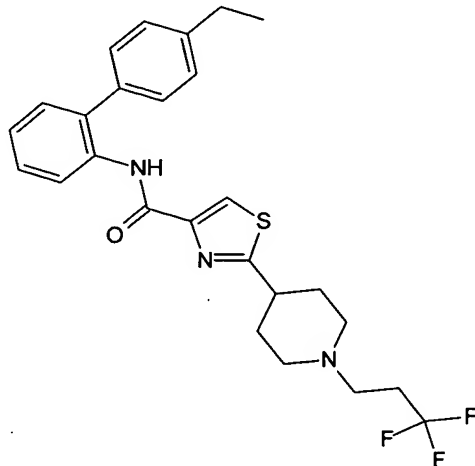
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1433 |  <p data-bbox="308 808 1226 871">2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1434 |  <p data-bbox="308 1417 1169 1480">N-(4'-fluorobiphenyl-2-yl)-2-(1-hex-5-enoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1435 |  | |

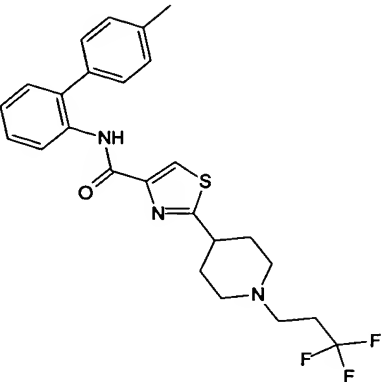
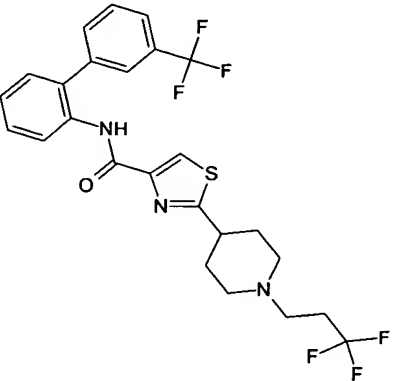
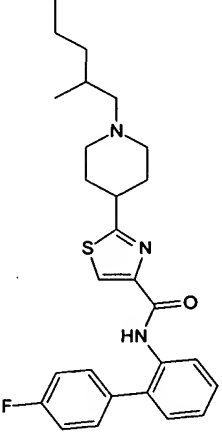
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1436 |  <p>2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1437 |  <p>2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1438 |  | |

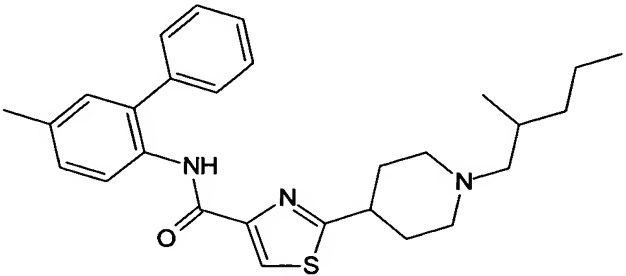
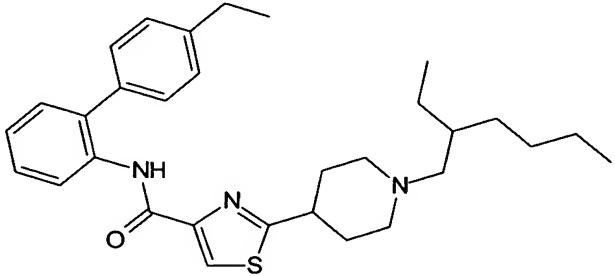
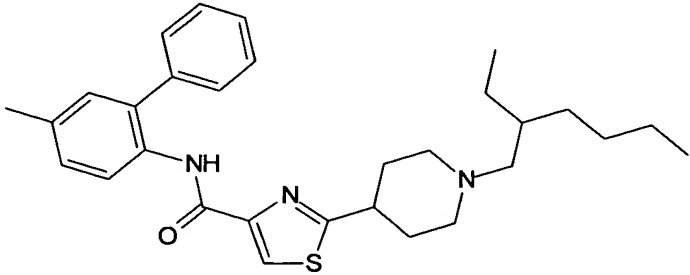
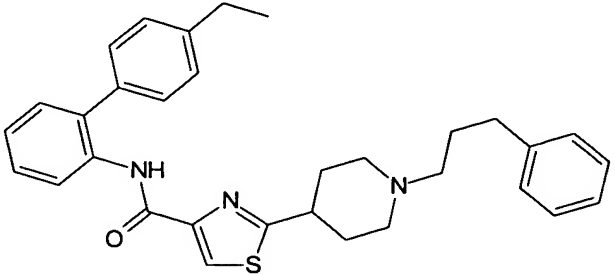
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1439 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1440 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1441 |  | |

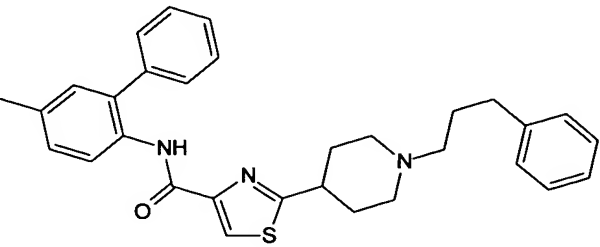
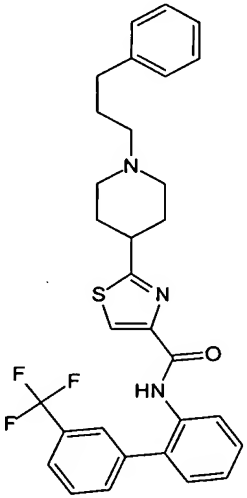
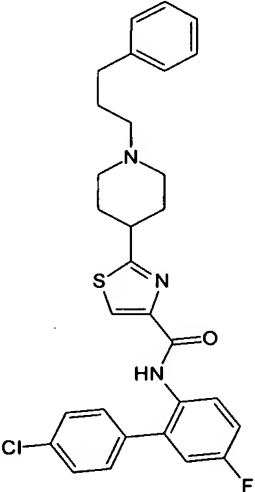
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1442 |  <p>2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1443 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

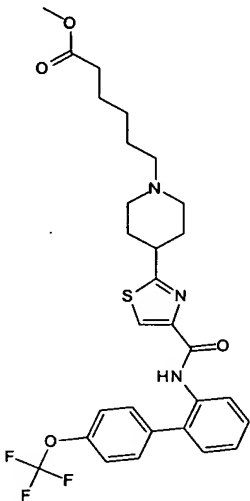
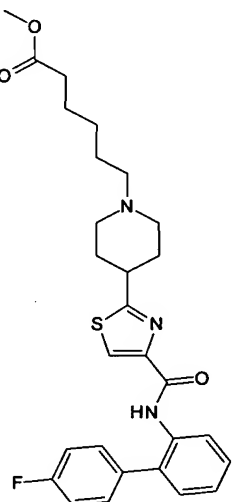
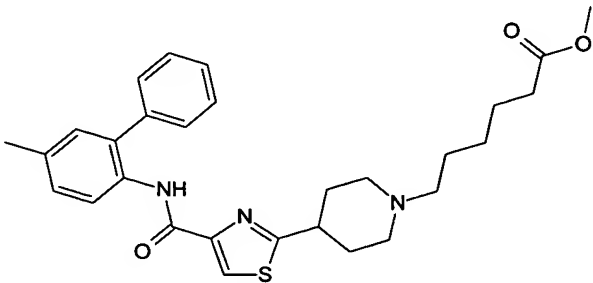
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1444 |  | |
| 1445 |  <p data-bbox="313 1234 1198 1297">N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-4-en-1-ylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1446 |  | |

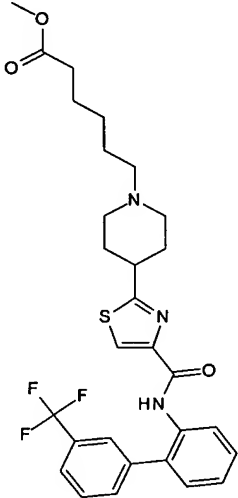
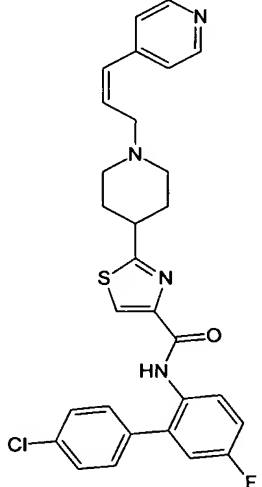
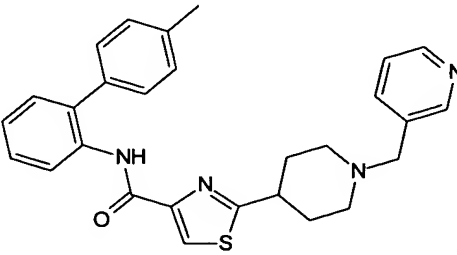
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1447 |  <p>2-(1-pent-4-en-1-ylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1448 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

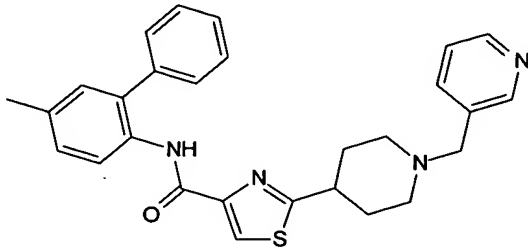
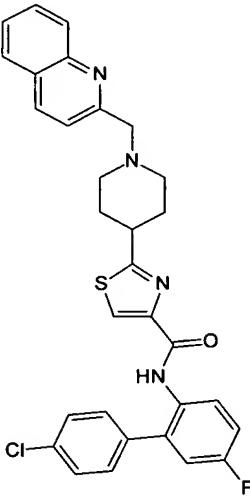
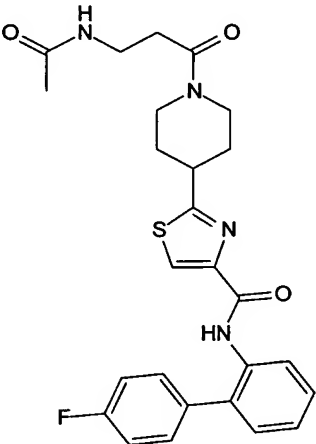
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1449 |  <p data-bbox="313 741 1170 793">N-(4'-methylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1450 |  <p data-bbox="313 1234 1222 1287">N-[3'-(trifluoromethyl)biphenyl-2-yl]-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1451 |  <p data-bbox="313 1791 1222 1843">N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

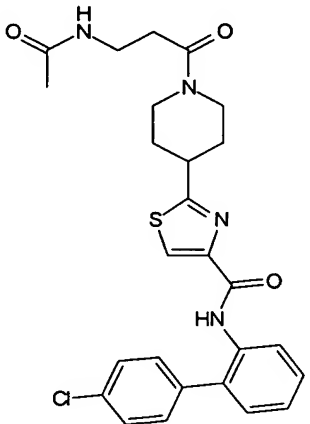
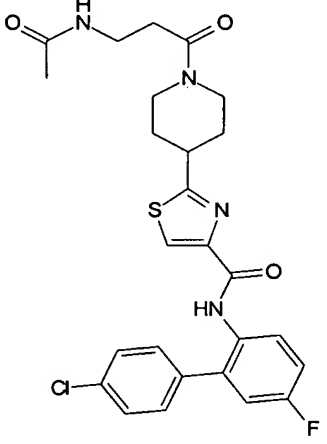
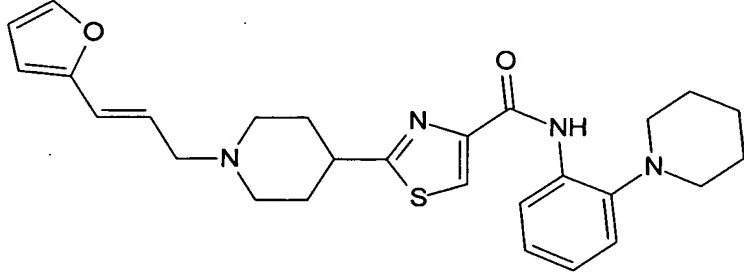
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1452 |  <chem>CCCC(C)CN1CCc2sc(C(=O)Nc3cc(C)ccc3c4ccccc4)c2N1</chem> | |
| 1453 |  <chem>CCCC(C)CN1CCc2sc(C(=O)Nc3cc(C)ccc3c4ccccc4)c2N1</chem> | |
| 1454 |  <chem>CCCC(C)CN1CCc2sc(C(=O)Nc3cc(C)ccc3c4ccccc4)c2N1</chem> | |
| 1455 |  <chem>CCCC(C)CN1CCc2sc(C(=O)Nc3cc(C)ccc3c4ccccc4)c2N1</chem> | |

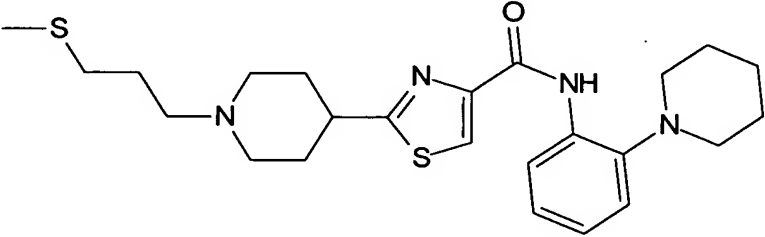
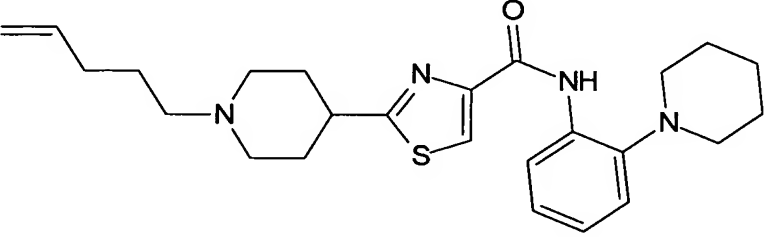
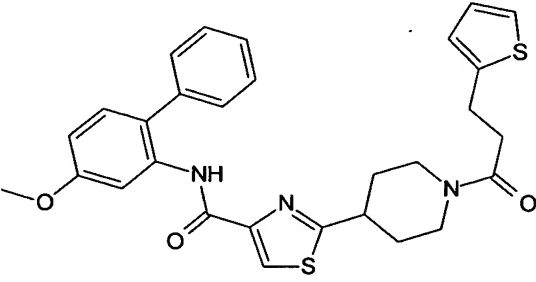
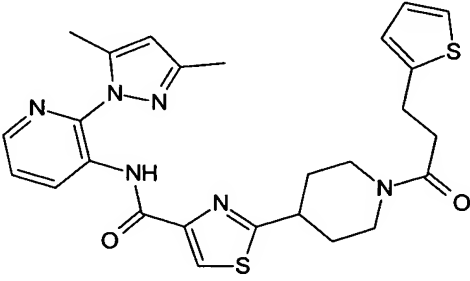
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1456 |  | |
| 1457 |  <p data-bbox="315 1186 1218 1245">2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1458 |  <p data-bbox="315 1795 1206 1854">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

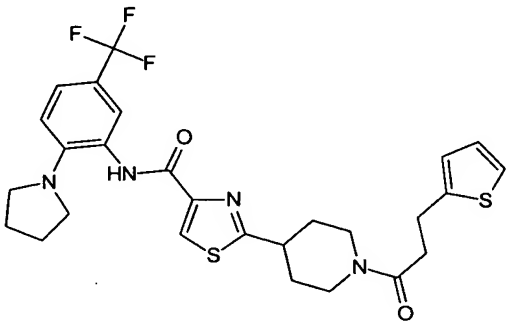
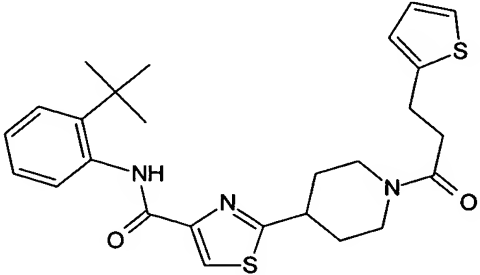
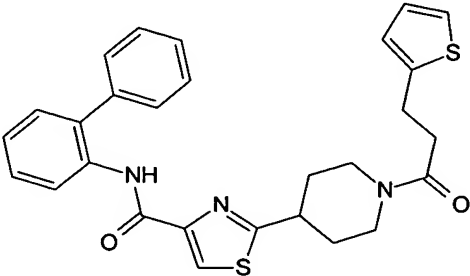
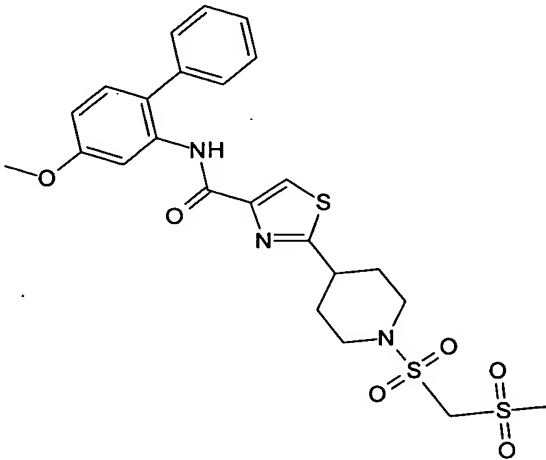
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1459 |  <p>methyl 6-{4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}hexanoate</p> | |
| 1460 |  <p>methyl 6-[4-(4-({[4'-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl)-piperidin-1-yl]hexanoate</p> | |
| 1461 |  <p>methyl 6-{4-[4-({[4'-(4-methylphenyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}hexanoate</p> | |

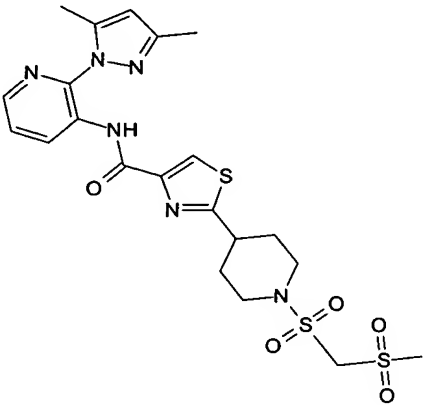
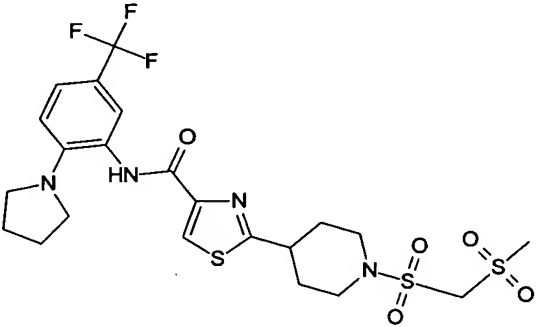
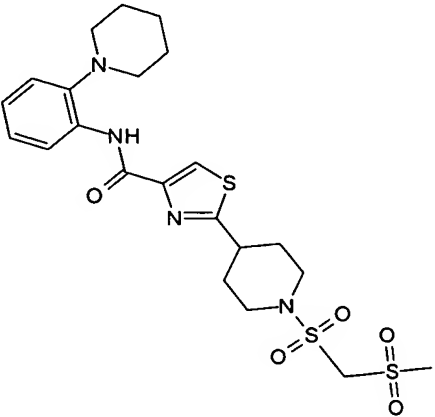
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1462 |  <p data-bbox="308 871 1144 934">methyl 6-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}hexanoate</p> | |
| 1463 |  <p data-bbox="308 1480 1193 1543">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1464 |  | |

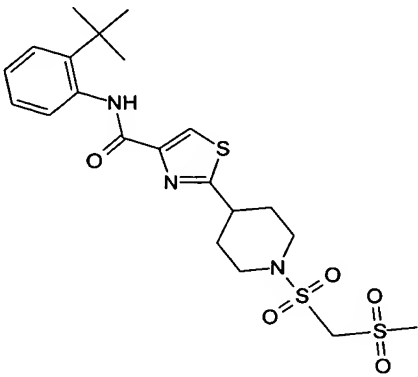
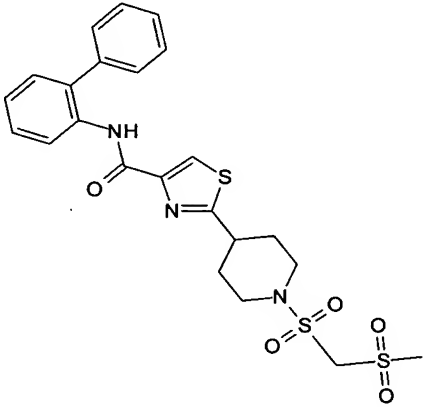
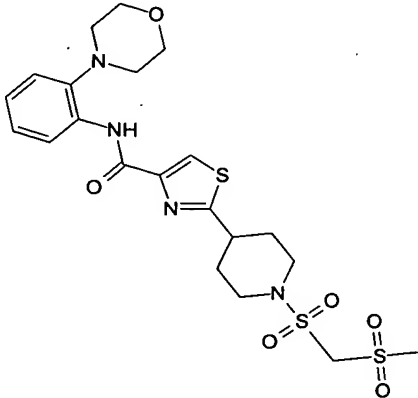
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1465 |  | |
| 1466 |  <p data-bbox="310 1192 1203 1255">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1467 |  <p data-bbox="310 1770 1154 1833">2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

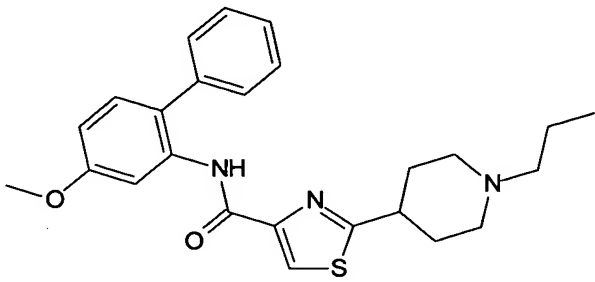
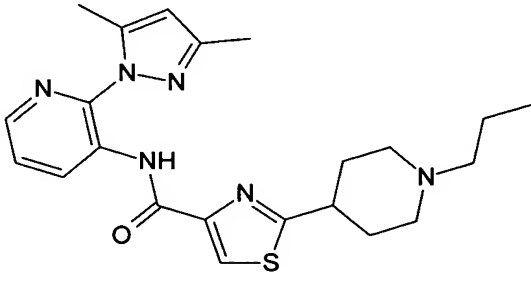
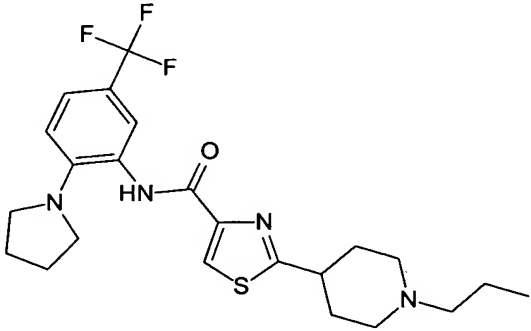
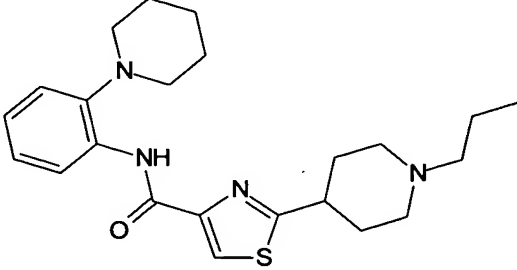
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1468 |  <p>2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1469 |  <p>2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1470 |  | |

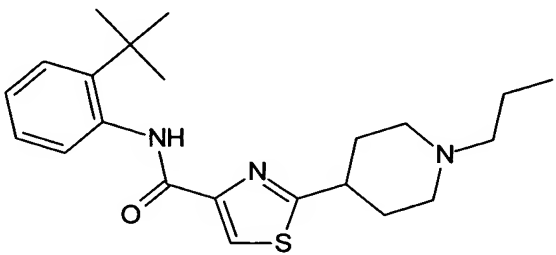
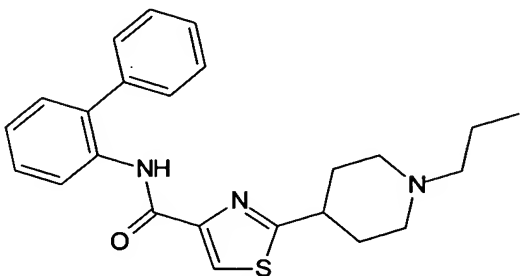
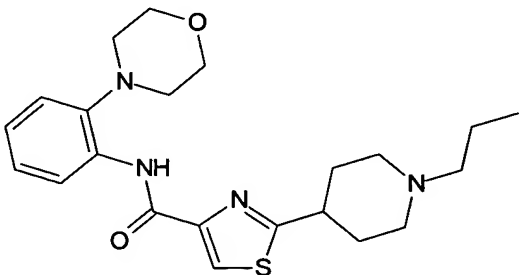
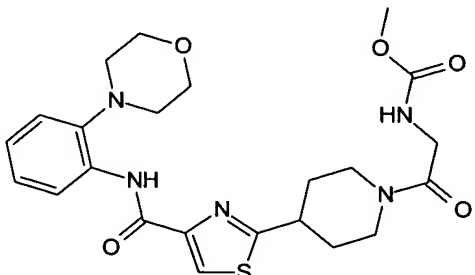
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1471 |  <chem>CSCCC1CCN(C1)c2cc3nc(C(=O)Nc4ccccc4N5CCCCC5)c3cs2</chem> | |
| 1472 |  <chem>C=CCCC1CCN(C1)c2cc3nc(C(=O)Nc4ccccc4N5CCCCC5)c3cs2</chem> | |
| 1473 |  <chem>COc1ccc(cc1Nc2cc3nc(C4CCN(C4)CC(=O)Cc5ccsc5)c3cs2)c6ccccc6</chem> | |
| 1474 |  <chem>Cc1cc2nc3ccccc3n1c2Nc4cc5nc(C6CCN(C6)CC(=O)Cc7ccsc7)c5cs4</chem> | |

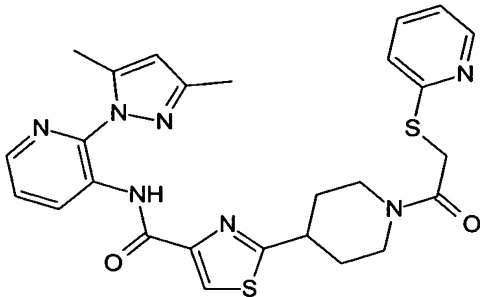
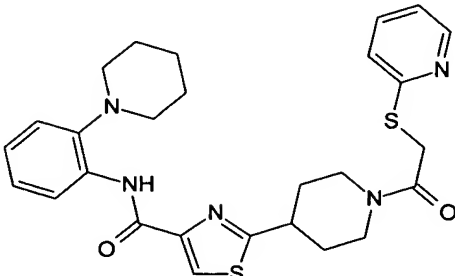
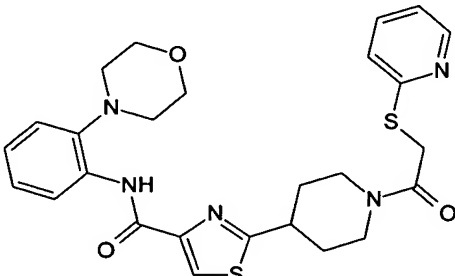
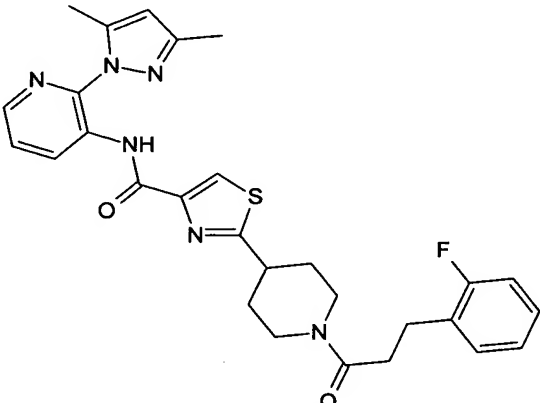
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1475 |  <chem>FC(F)(F)c1ccc(NC(=O)c2ccsc2C3CCN(CC3)CC(=O)CCc4ccsc4)cc1</chem> | |
| 1476 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2ccsc2C3CCN(CC3)CC(=O)CCc4ccsc4</chem> | |
| 1477 |  <chem>c1ccc(cc1)-c2ccccc2NC(=O)c3ccsc3C4CCN(CC4)CC(=O)CCc5ccsc5</chem> | |
| 1478 |  <chem>COc1ccc(cc1)-c2ccccc2NC(=O)c3ccsc3C4CCN(CC4)S(=O)(=O)CC(=O)S(=O)(=O)C</chem> | |

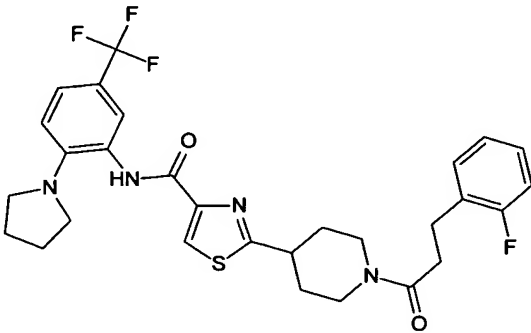
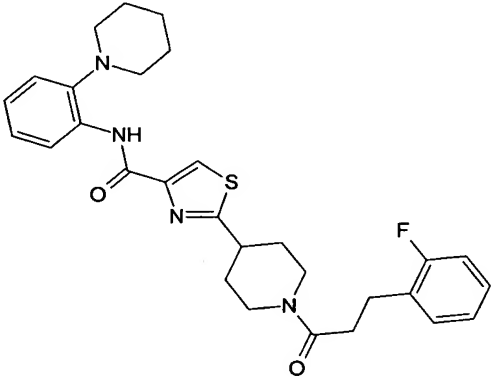
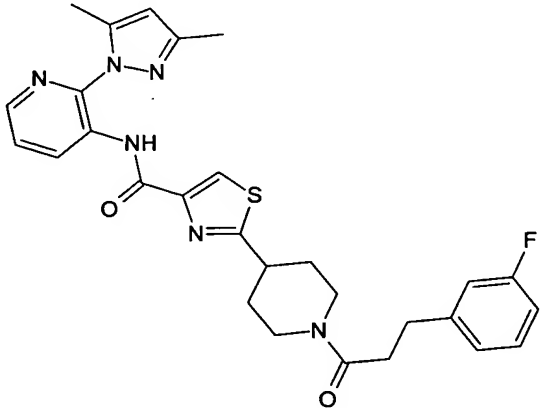
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1479 |  <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1480 |  <p>N-(2-(3-(trifluoromethyl)-4-(piperidin-1-yl)phenyl)-1,3-thiazole-4-carboxamide)-2-(1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1481 |  <p>2-(1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-N-(2-piperidin-1-yl-phenyl)-1,3-thiazole-4-carboxamide</p> | |

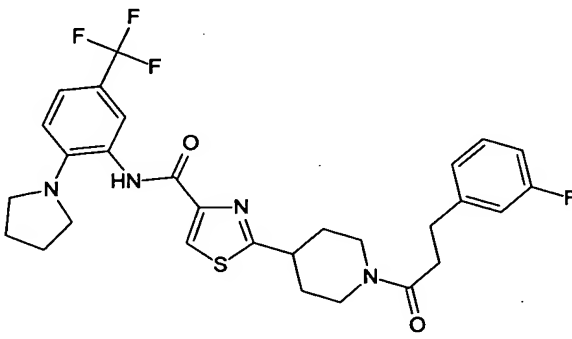
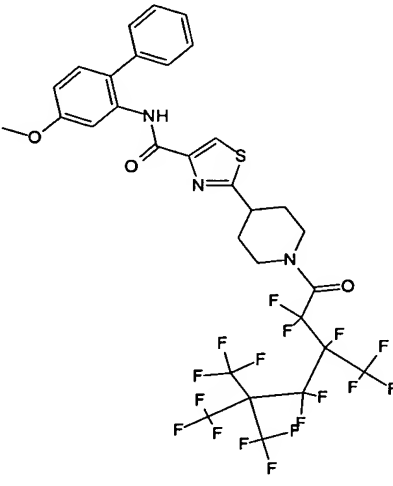
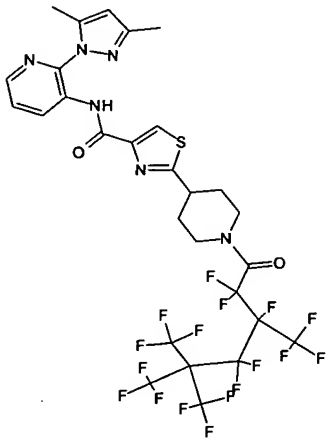
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1482 |  <p>N-(2-tert-butylphenyl)-2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1483 |  <p>N-biphenyl-2-yl-2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1484 |  <p>2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-N-(2-morpholin-4-yl-phenyl)-1,3-thiazole-4-carboxamide</p> | |

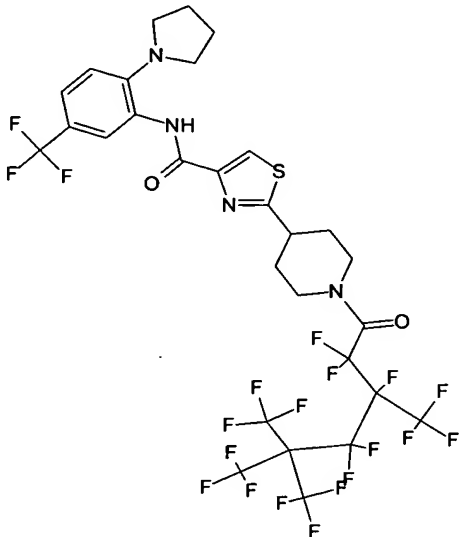
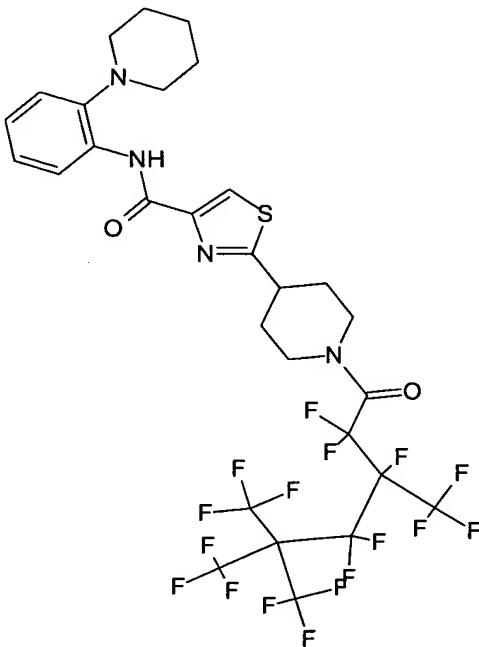
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1485 |  | |
| 1486 |  | |
| 1487 |  | |
| 1488 |  | |

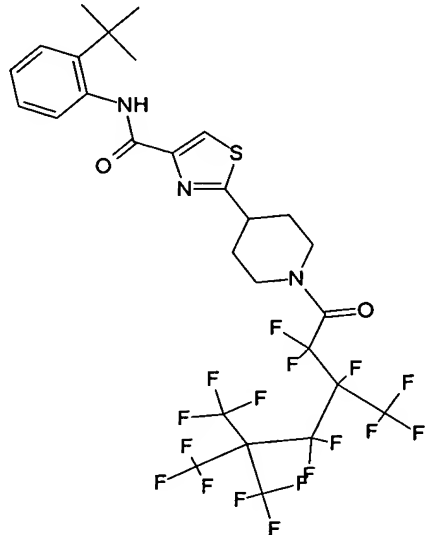
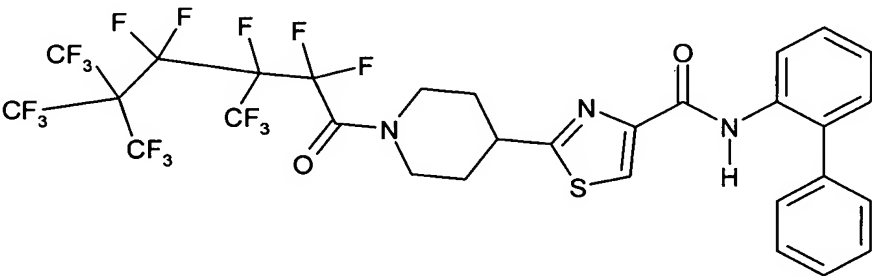
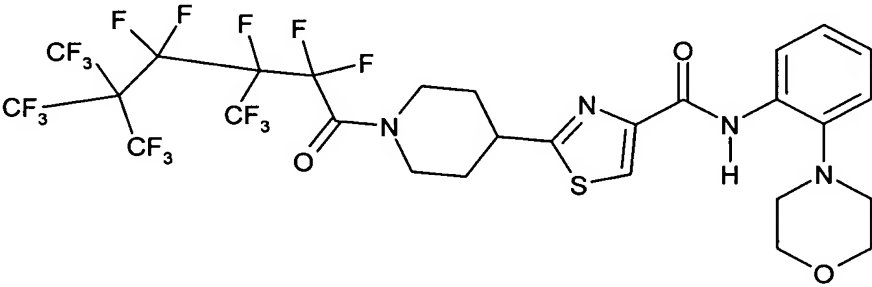
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1489 |  <chem>CCCC1CCN(CC1)c2sc(C(=O)Nc3cc(C(C)(C)C)ccc3)c2</chem> | |
| 1490 |  <chem>CCCC1CCN(CC1)c2sc(C(=O)Nc3ccccc3-c4ccccc4)c2</chem> | |
| 1491 |  <chem>CCCC1CCN(CC1)c2sc(C(=O)Nc3ccc(N4CCOCC4)cc3)c2</chem> | |
| 1492 |  <chem>CCCC1CCN(CC1Cc2sc(C(=O)Nc3ccc(N4CCOCC4)cc3)c2)C(=O)CC(=O)OC</chem> | |

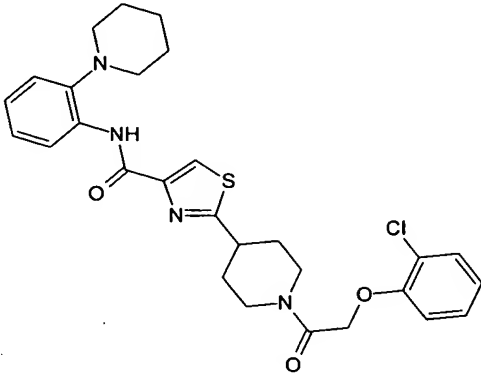
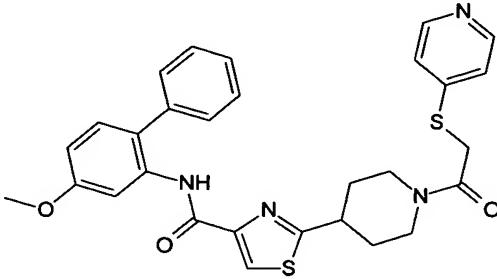
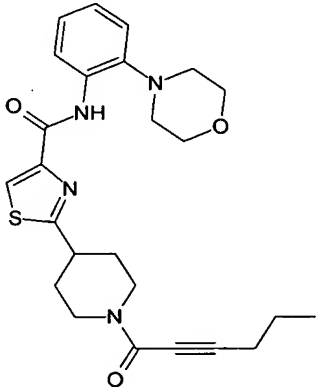
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1493 |  | |
| 1494 |  | |
| 1495 |  | |
| 1496 |  | |

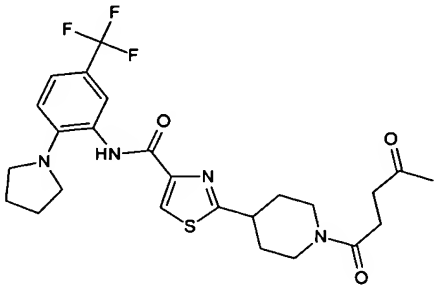
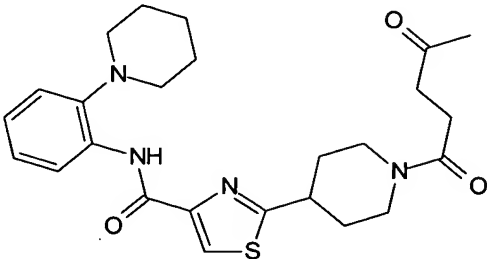
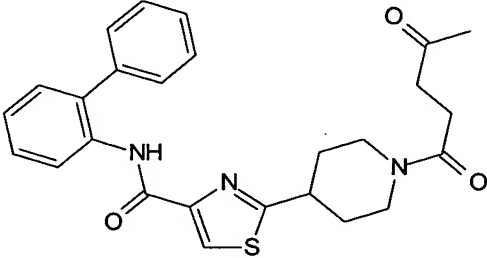
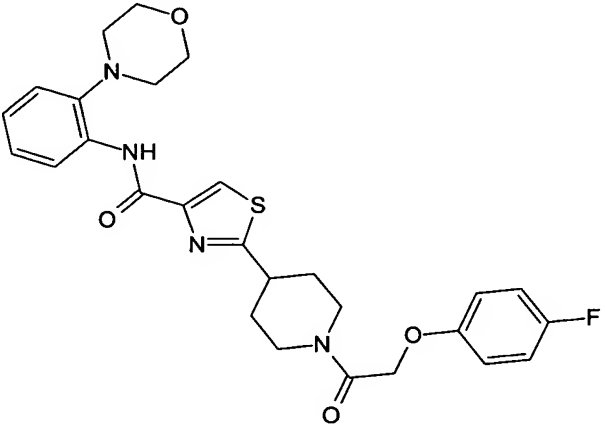
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1497 |  | |
| 1498 |  <p data-bbox="306 1171 1209 1234">2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 1499 |  <p data-bbox="306 1755 1170 1812">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

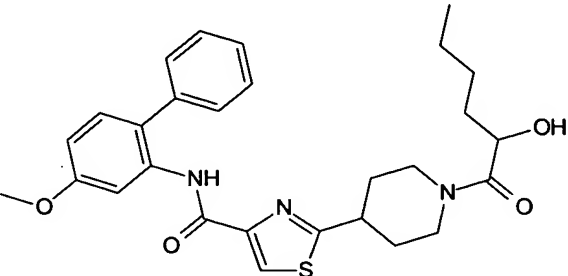
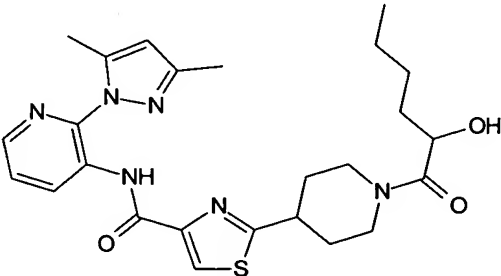
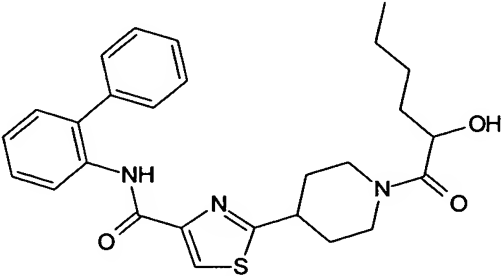
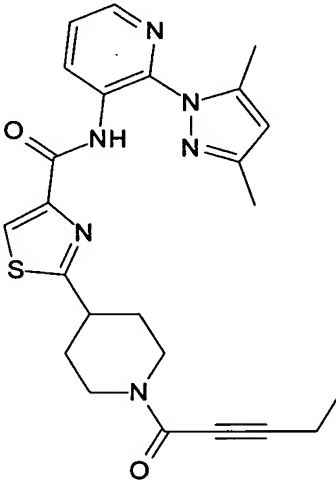
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1500 |  | |
| 1501 |  <p data-bbox="305 1241 1138 1299">N-(4-methoxybiphenyl-2-yl)-2-((1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1502 |  <p data-bbox="305 1774 1187 1858">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-((1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

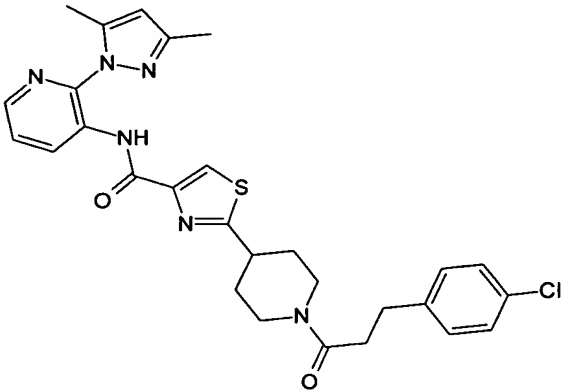
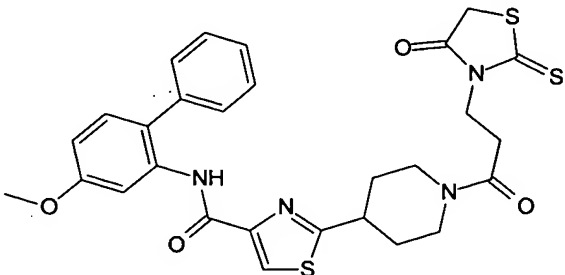
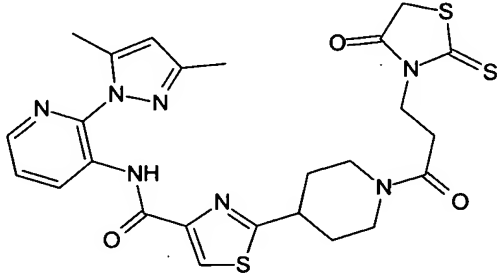
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1503 |  <p>2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1504 |  | |

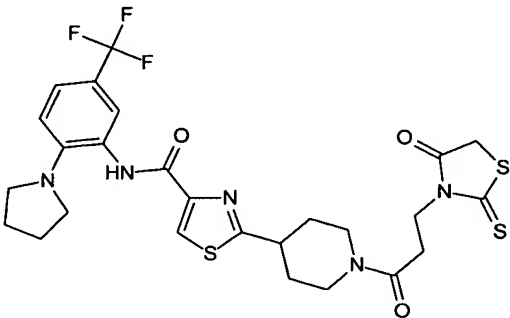
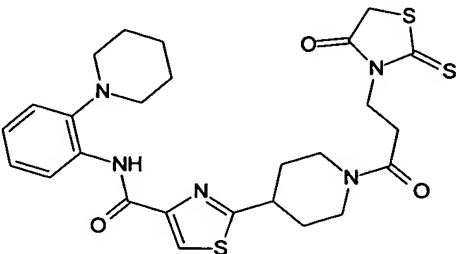
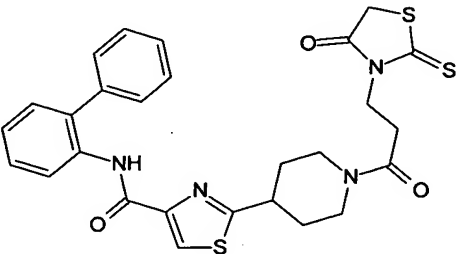
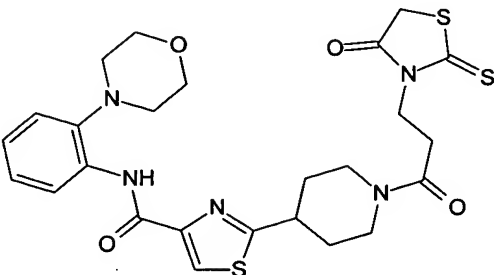
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1505 |  <p>N-(2-tert-butylphenyl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1506 |  <p>N-(2-benzoyl-5-thiazolyl)-1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-carboxamide</p> | |
| 1507 |  <p>N-(2-(4-morpholinyl)benzoyl)-5-[1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl]-1,3-thiazole-2-carboxamide</p> | |

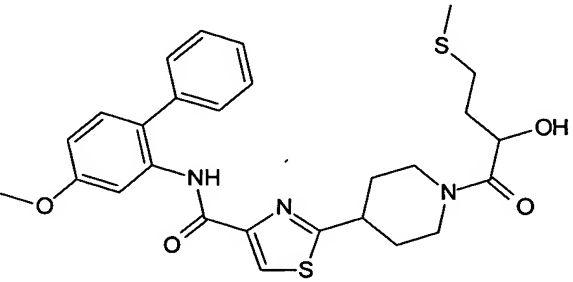
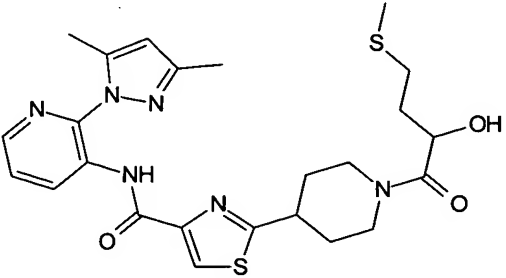
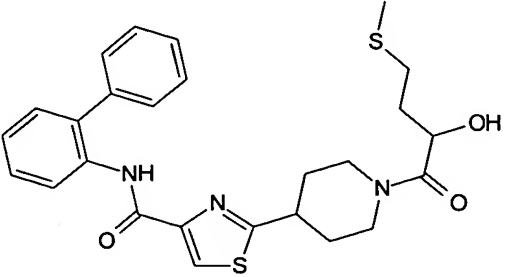
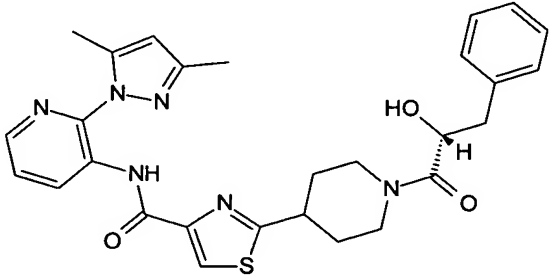
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1508 |  <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 1509 |  <p>N-(4-methoxybiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1510 |  <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |

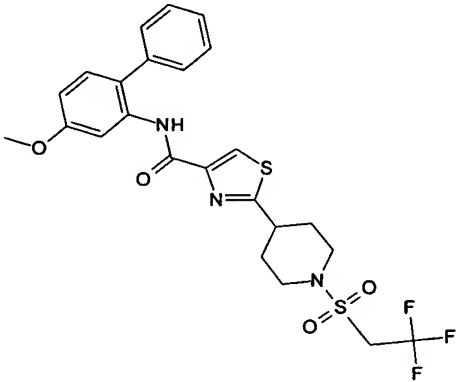
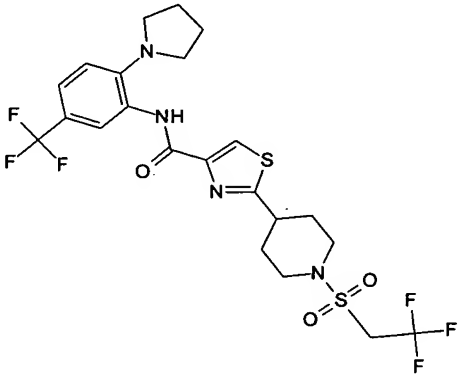
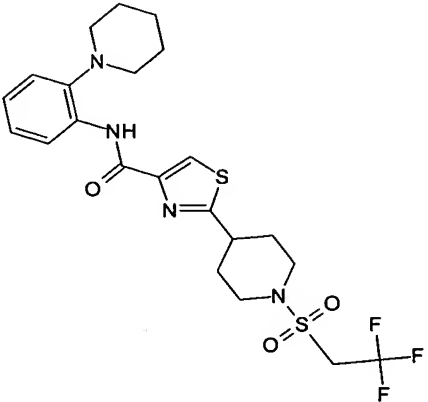
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1511 |  <p>2-[1-(4-oxopentano-1-yl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1512 |  <p>2-[1-(4-oxopentano-1-yl)piperidin-4-yl]-N-[2-(piperidin-1-yl)-1-phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1513 |  <p>2-[1-(4-oxopentano-1-yl)piperidin-4-yl]-N-[2-(benzylphenyl)-1-phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1514 |  <p>2-[1-(4-oxopentano-1-yl)piperidin-4-yl]-N-[2-(morpholin-1-yl)-1-phenyl]-1,3-thiazole-4-carboxamide 4-(4-fluorophenoxy)</p> | |

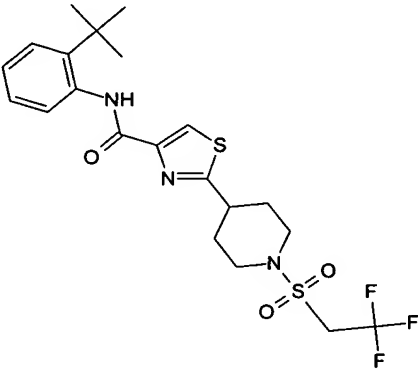
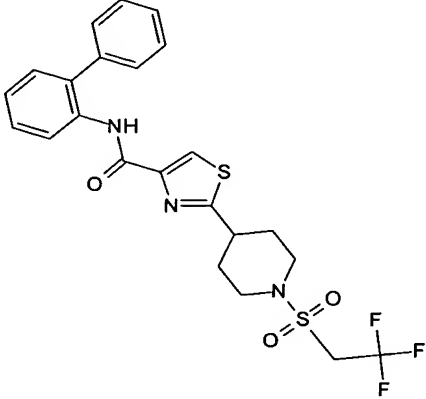
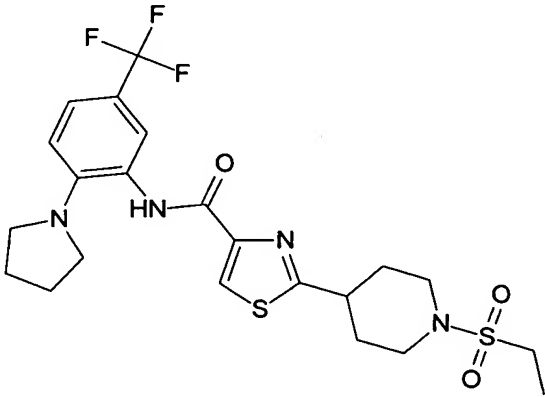
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1515 |  <chem>COc1ccc(NC(=O)c2ccsc2C3CCN(CC3)C(=O)OCC)cc1</chem> | |
| 1516 |  <chem>CC1=CN(C=C1)N2C(=NC=C2)C(=O)Nc3ccsc3C4CCN(CC4)C(=O)OCC</chem> | |
| 1517 |  <chem>c1ccc(cc1)-c2ccccc2NC(=O)c3ccsc3C4CCN(CC4)C(=O)OCC</chem> | |
| 1518 |  <chem>CC1=CN(C=C1)N2C(=NC=C2)C(=O)Nc3ccsc3C4CCN(CC4)C(=O)C#CCCC</chem> | |

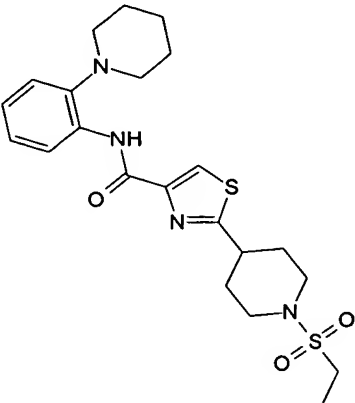
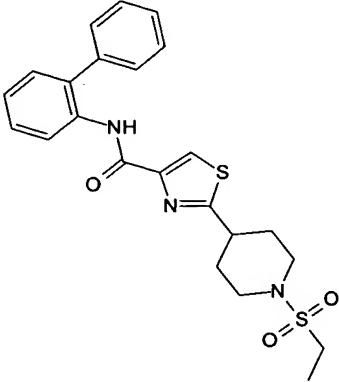
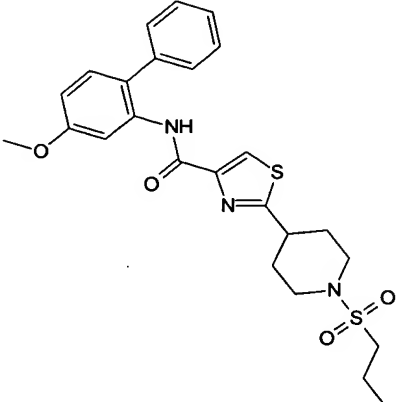
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1519 |  <p data-bbox="316 766 1177 829">2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1520 |  | |
| 1521 |  | |

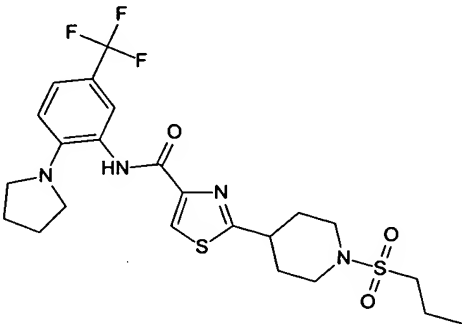
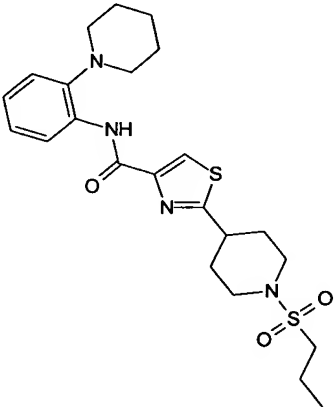
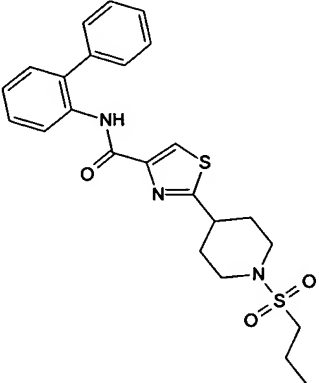
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1522 |  <p data-bbox="313 703 1193 766">2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1523 |  | |
| 1524 |  | |
| 1525 |  | |

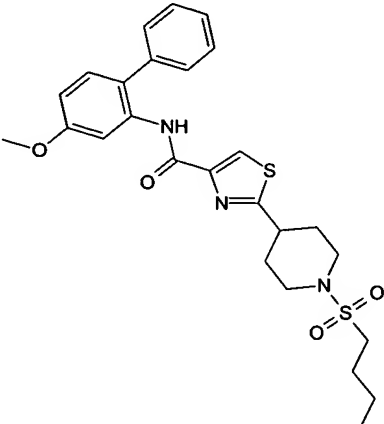
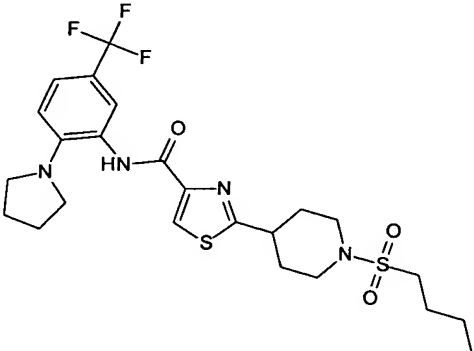
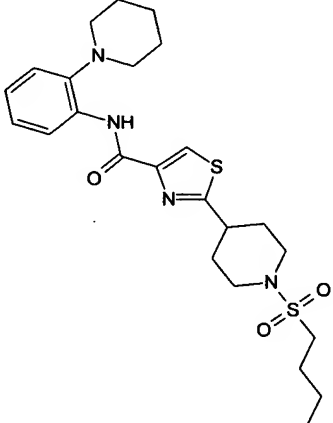
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1526 |  <chem>COc1ccc(NC(=O)c2ccsc2C3CCN(C3)C(=O)C(O)CS)cc1</chem> | |
| 1527 |  <chem>Cc1cc(C)n(C1)C(=O)Nc2ccn(C2)c3ccsc3C4CCN(C4)C(=O)C(O)CS</chem> | |
| 1528 |  <chem>c1ccc(cc1C(=O)Nc2ccn(C2)c3ccsc3C4CCN(C4)C(=O)C(O)CS)c5ccccc5</chem> | |
| 1529 |  <chem>Cc1cc(C)n(C1)C(=O)Nc2ccn(C2)c3ccsc3C4CCN(C4)C(=O)[C@H](O)Cc5ccccc5</chem> | |

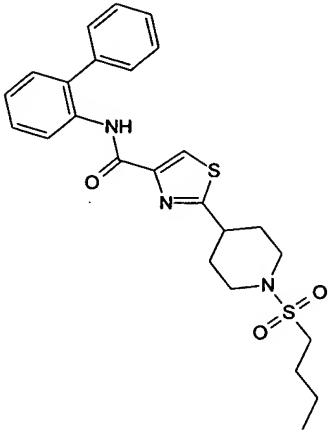
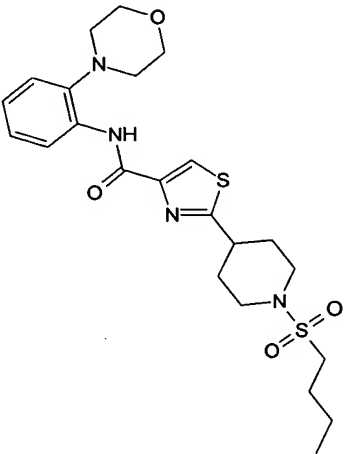
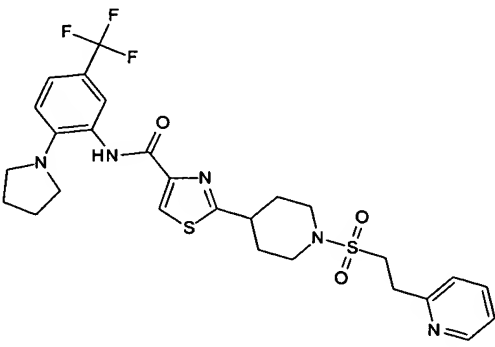
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1530 |  <p data-bbox="315 741 1234 800">N-(4-methoxybiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1531 |  <p data-bbox="315 1260 1170 1318">N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1532 |  <p data-bbox="315 1793 1208 1852">N-(2-piperidin-1-ylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

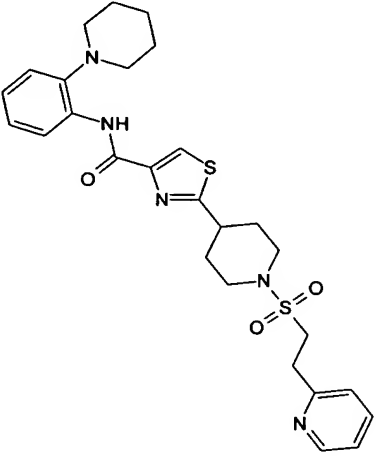
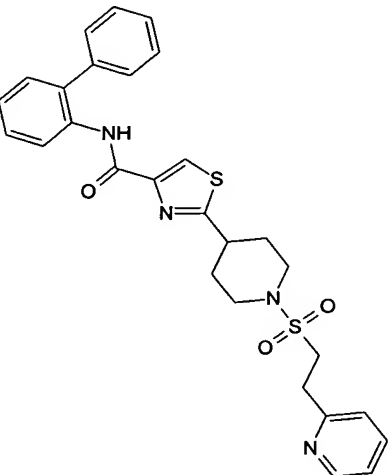
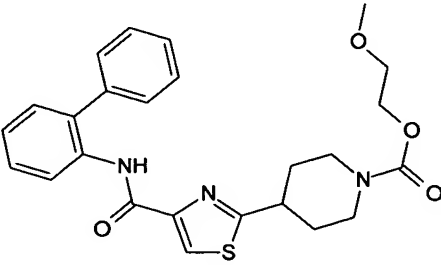
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1533 |  <p data-bbox="313 741 1206 800">N-(2-tert-butylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1534 |  <p data-bbox="313 1281 1230 1339">N-biphenyl-2-yl-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1535 |  | |

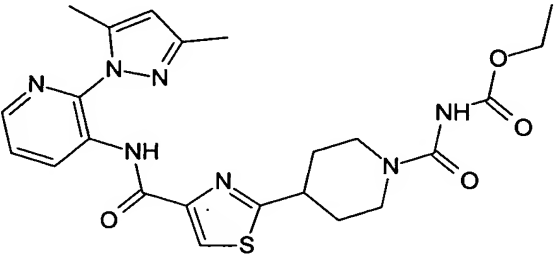
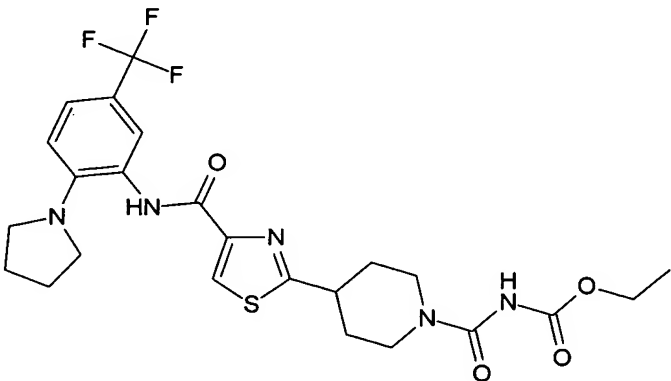
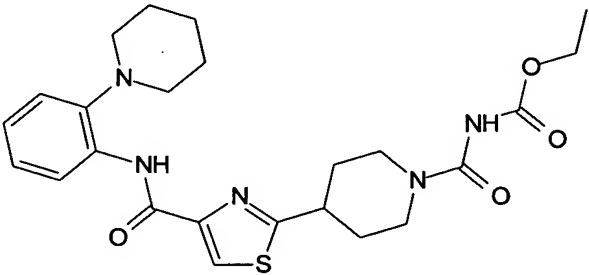
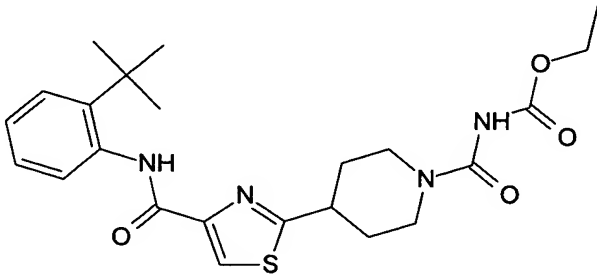
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1536 |  <p data-bbox="313 764 1203 821">2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 1537 |  <p data-bbox="313 1283 1078 1339">N-biphenyl-2-yl-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1538 |  <p data-bbox="313 1793 1219 1850">N-(4-methoxybiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

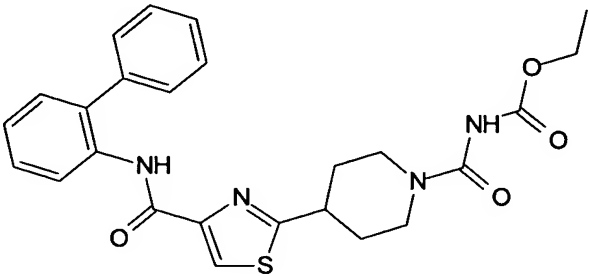
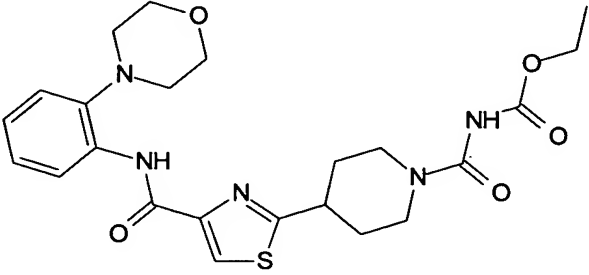
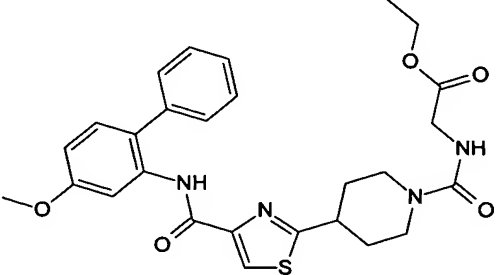
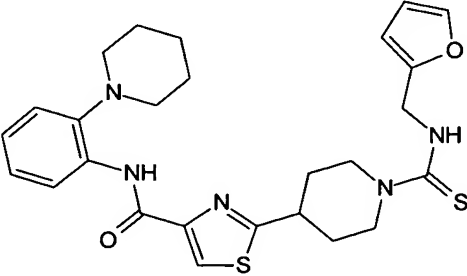
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1539 |  <p>2-[1-(propylsulfonyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1540 |  <p>N-(2-piperidin-1-ylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1541 |  <p>N-biphenyl-2-yl-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

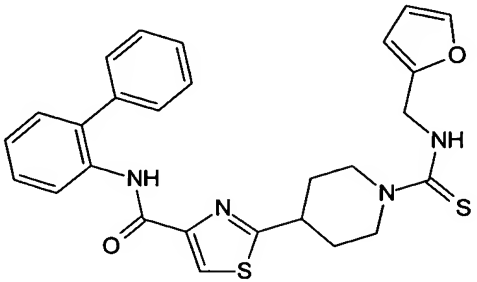
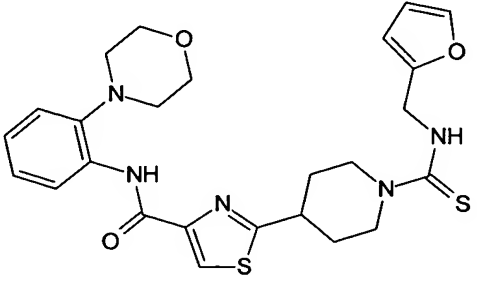
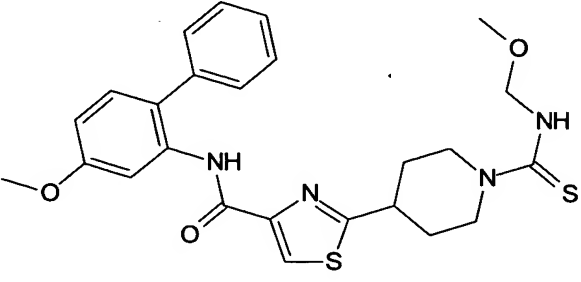
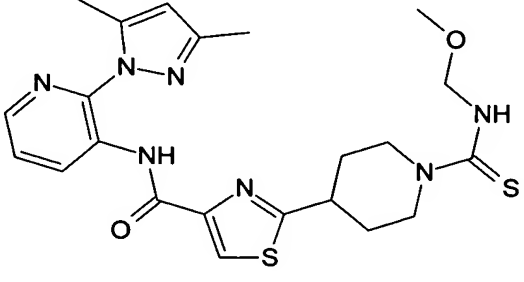
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1542 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1543 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1544 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |

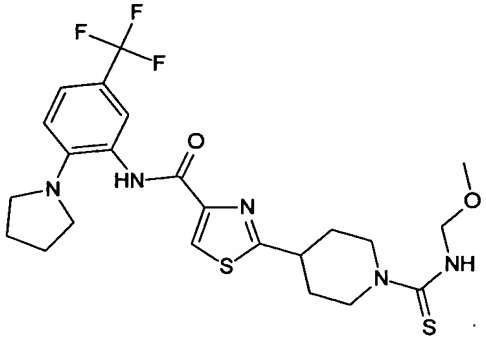
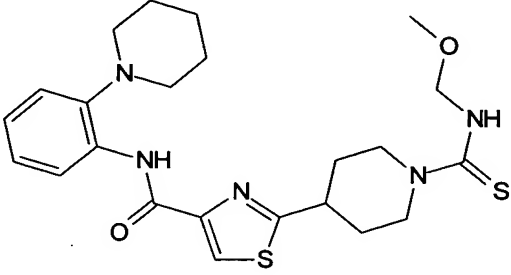
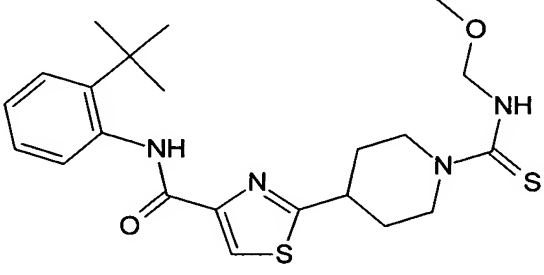
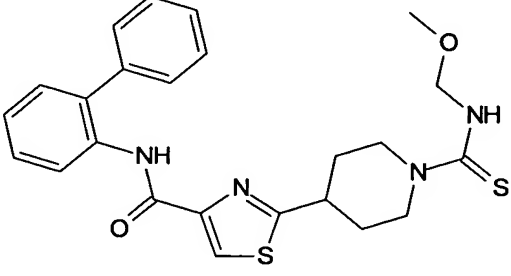
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1545 |  <p data-bbox="313 785 1078 842">N-biphenyl-2-yl-2-[1-(butylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1546 |  <p data-bbox="313 1344 1219 1400">2-[1-(butylsulfonyl)piperidin-4-yl]-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 1547 |  <p data-bbox="313 1795 1146 1852">2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |

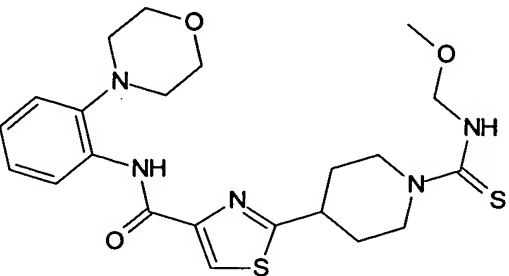
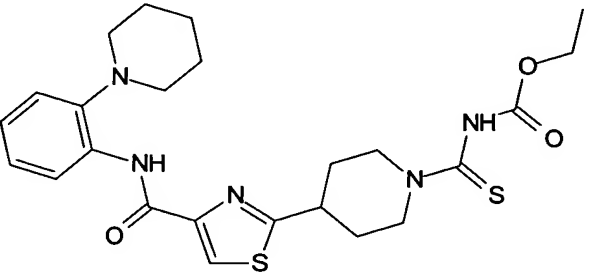
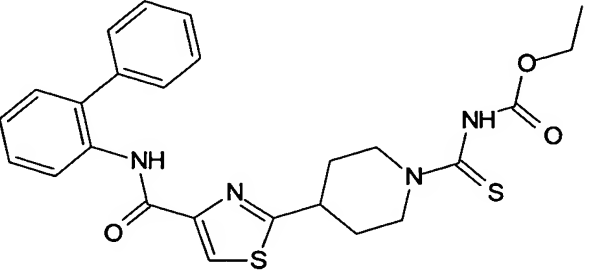
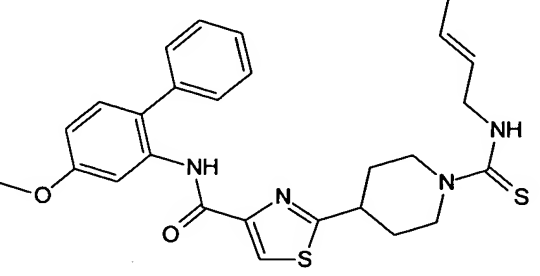
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1548 |  <p>N-(2-piperidin-1-ylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1549 |  <p>N-biphenyl-2-yl-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1550 |  <p>N-biphenyl-2-yl-2-{1-[(2-methoxyethyl)carbamoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

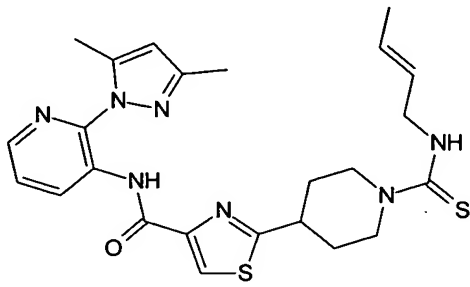
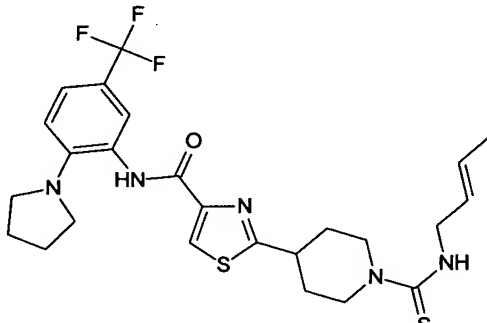
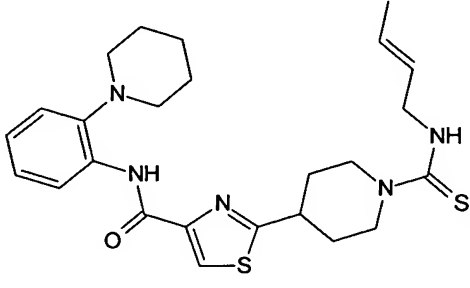
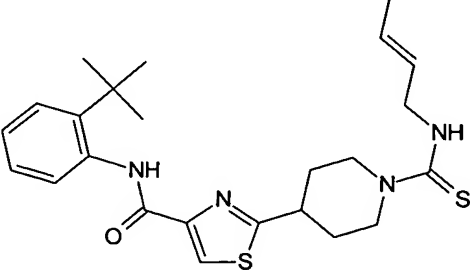
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|------|--|-------------|
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| 1553 |  | |
| 1554 |  | |

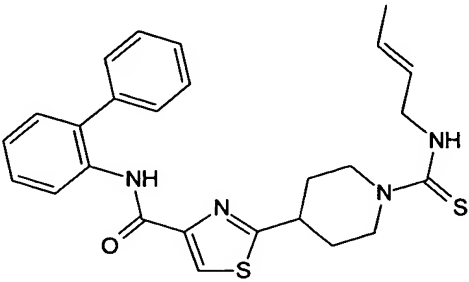
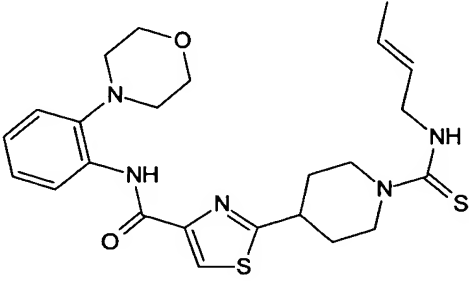
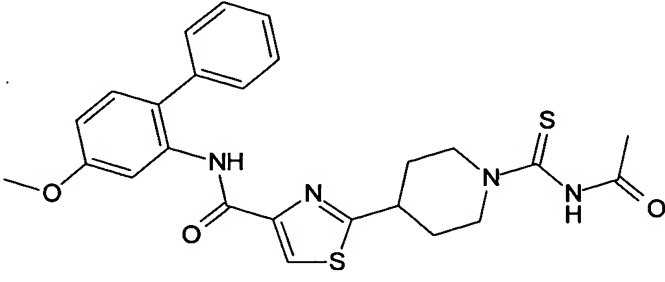
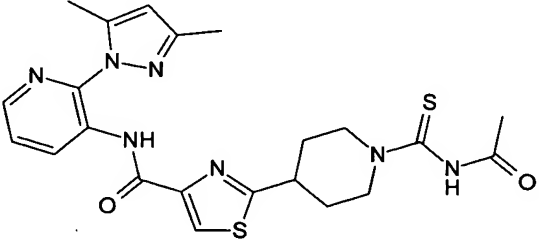
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| 1558 |  | |

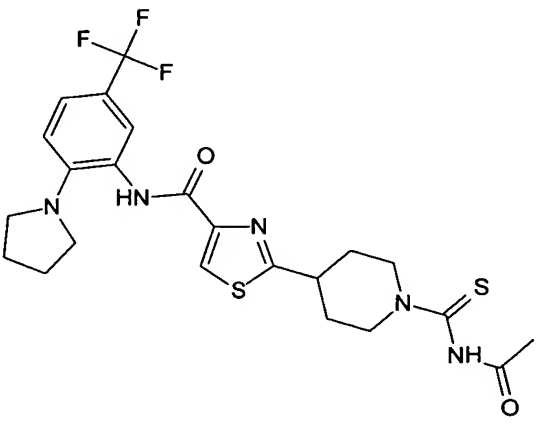
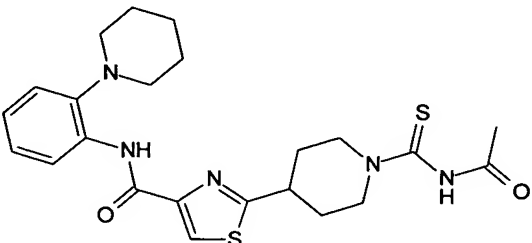
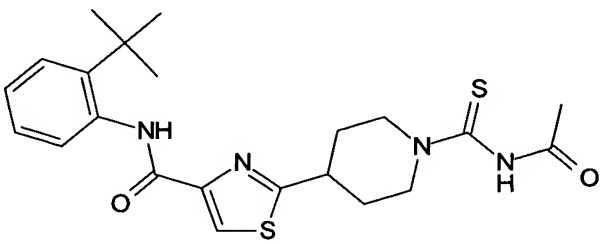
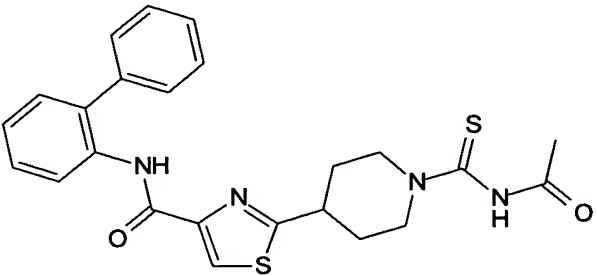
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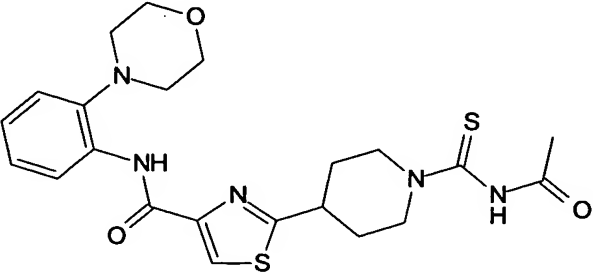
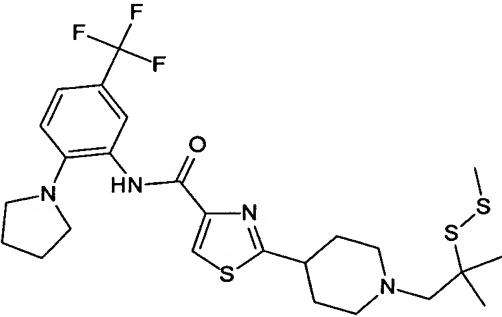
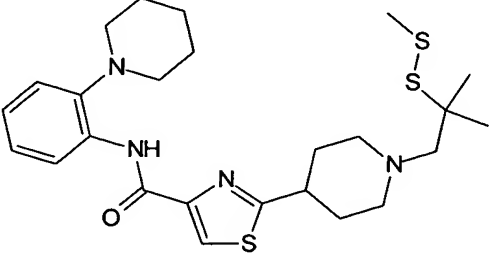
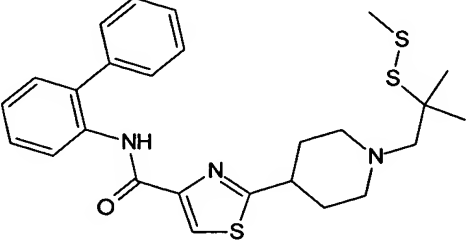
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1563 |  <chem>COC(=O)Nc1ccccc1C2=CN(C(=O)Nc3ccc(C(F)(F)F)cc3)C=C2C4CCN(C4)C(=O)NS</chem> | |
| 1564 |  <chem>COC(=O)Nc1ccccc1C2=CN(C(=O)Nc3ccccc3N4CCCCC4)C=C2C5CCN(C5)C(=O)NS</chem> | |
| 1565 |  <chem>COC(=O)Nc1ccccc1C2=CN(C(=O)Nc3ccccc3C(C)(C)C)C=C2C4CCN(C4)C(=O)NS</chem> | |
| 1566 |  <chem>COC(=O)Nc1ccccc1C2=CN(C(=O)Nc3ccccc3-c4ccccc4)C=C2C5CCN(C5)C(=O)NS</chem> | |

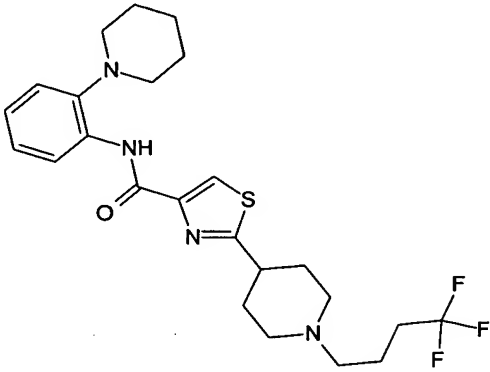
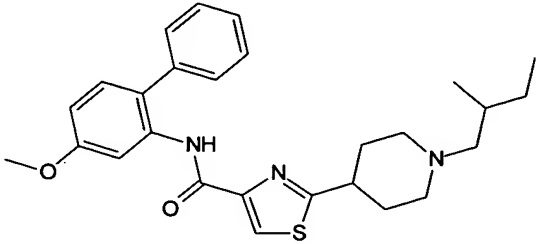
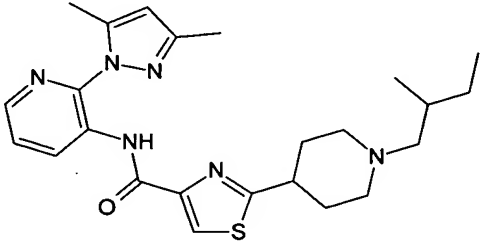
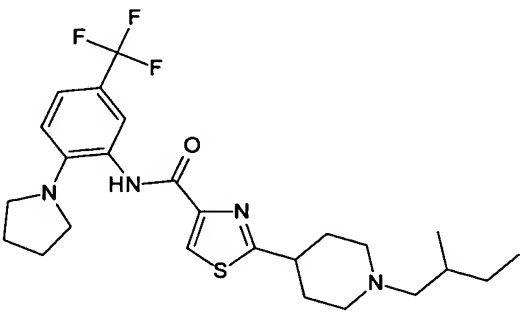
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1567 |  <chem>CSC(=N)NCC1CCN(C1)c2cc(C(=O)Nc3ccccc3N4CCOCC4)cn2</chem> | |
| 1568 |  <chem>CCOC(=O)NC(=S)NCC1CCN(C1)c2cc(C(=O)Nc3ccccc3N4CCCCC4)cn2</chem> | |
| 1569 |  <chem>CCOC(=O)NC(=S)NCC1CCN(C1)c2cc(C(=O)Nc3ccccc3-c4ccccc4)cn2</chem> | |
| 1570 |  <chem>C=CCNC(=S)NCC1CCN(C1)c2cc(C(=O)Nc3ccc(OC)cc3)cn2</chem> | |

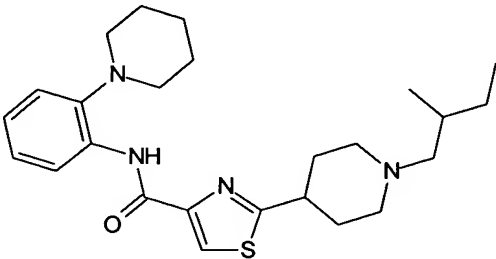
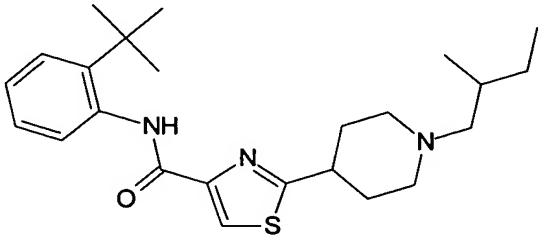
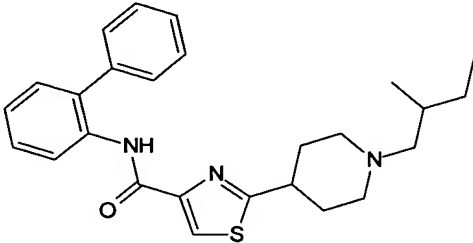
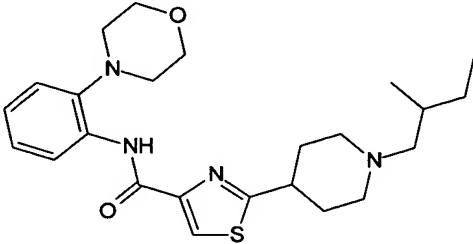
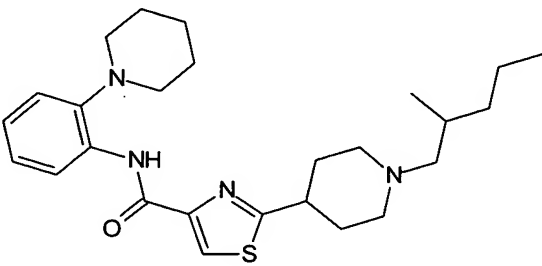
| No. | FORMULA | NMR or mass |
|------|---|-------------|
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| 1574 |  | |

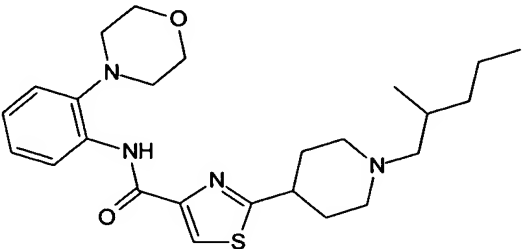
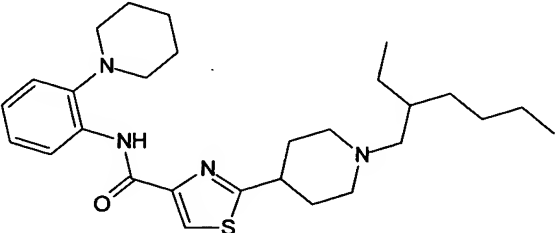
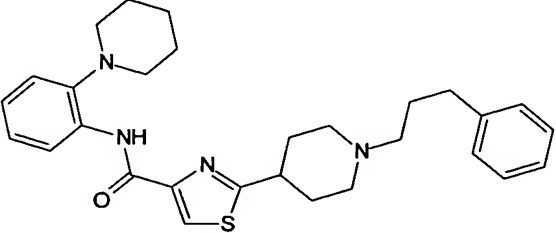
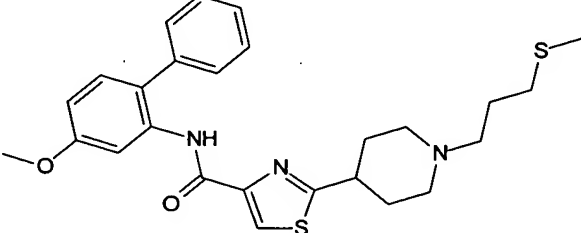
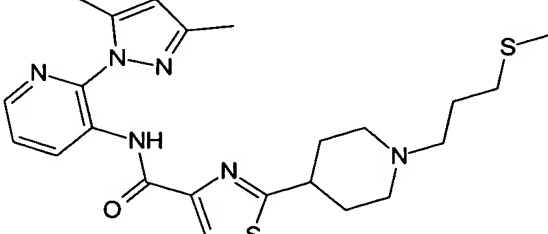
| No. | FORMULA | NMR or mass |
|------|--|-------------|
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| 1576 |  | |
| 1577 |  | |
| 1578 |  | |

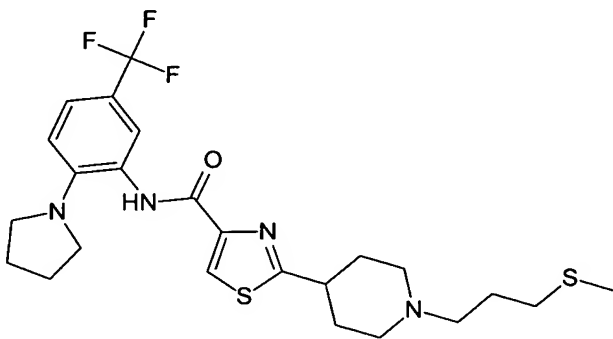
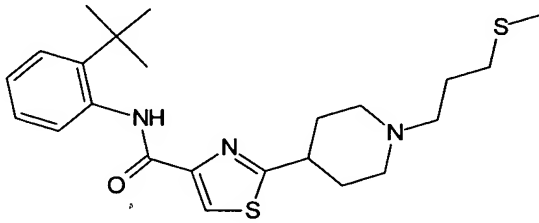
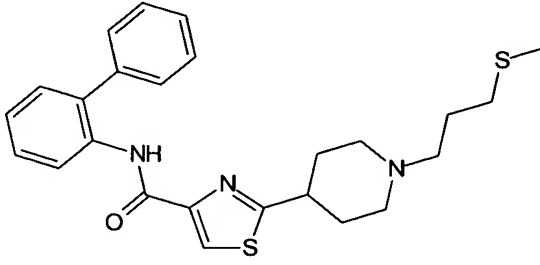
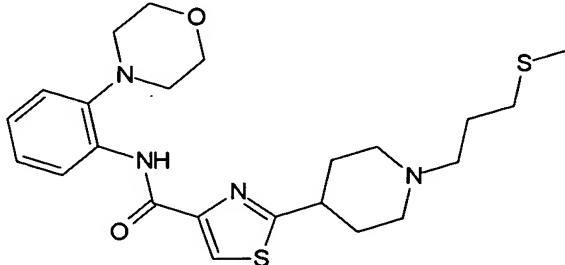
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1579 |  <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1580 |  <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-phenyl-1,3-thiazole-4-carboxamide</p> | |
| 1581 |  <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(2-tert-butylphenyl)-1,3-thiazole-4-carboxamide</p> | |
| 1582 |  <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(2-phenylphenyl)-1,3-thiazole-4-carboxamide</p> | |

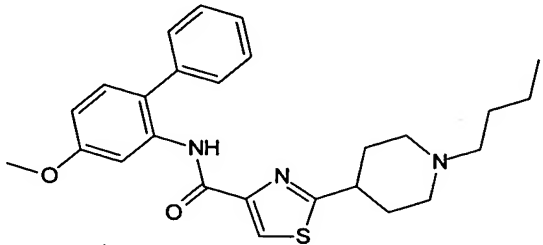
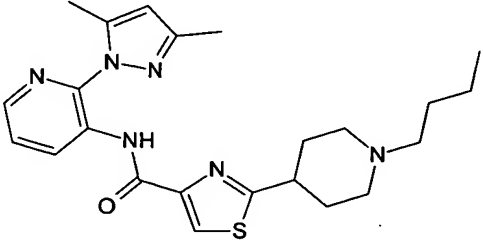
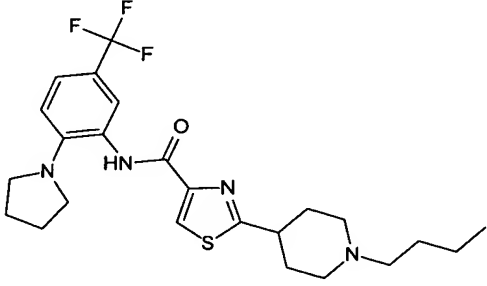
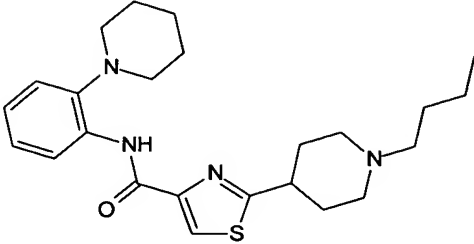
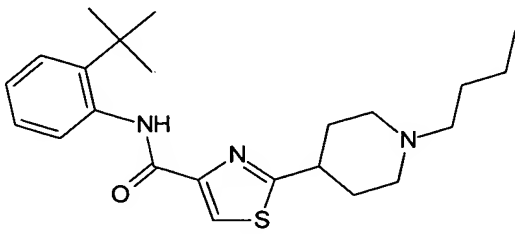
| No. | FORMULA | NMR or mass |
|------|--|-------------|
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| 1585 |  | |
| 1586 |  | |

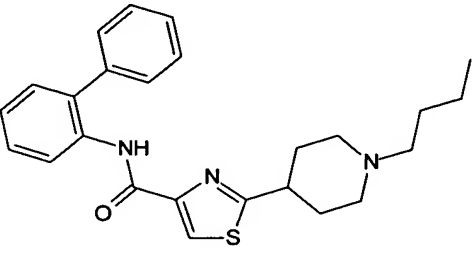
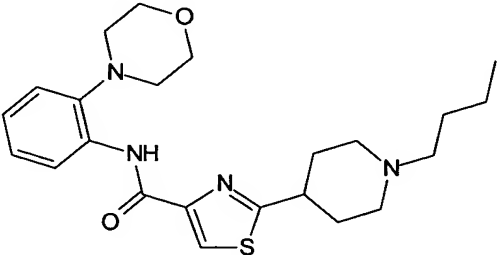
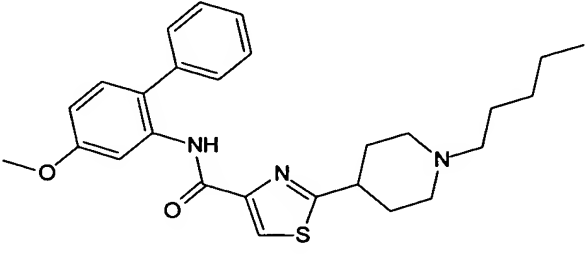
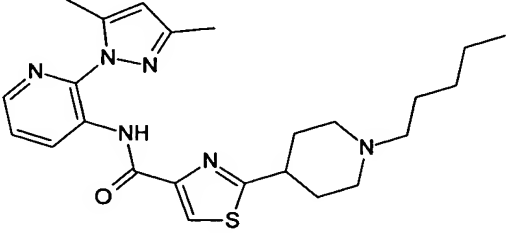
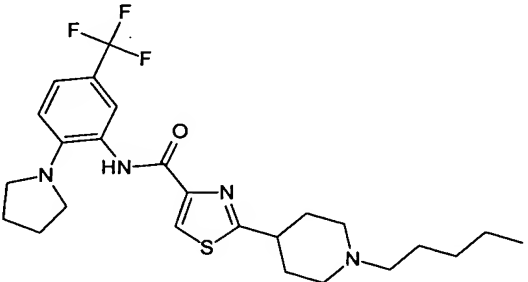
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1587 |  <p>N-(2-piperidin-1-ylphenyl)-2-[1-(4,4,4-trifluorobutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1588 |  | |
| 1589 |  | |
| 1590 |  | |

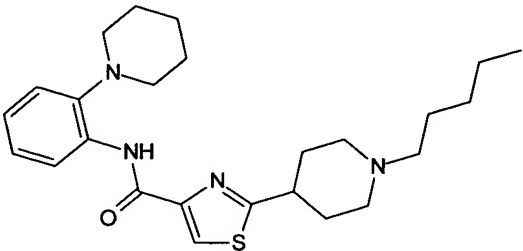
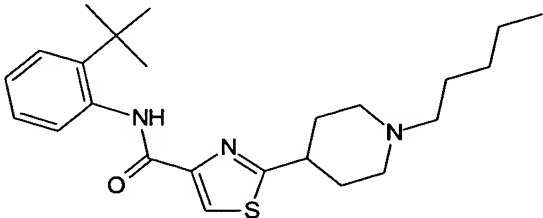
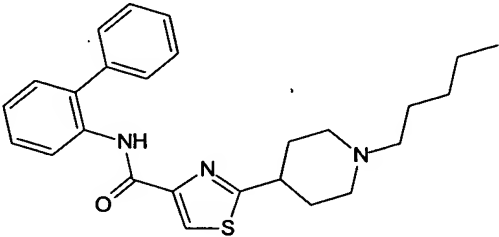
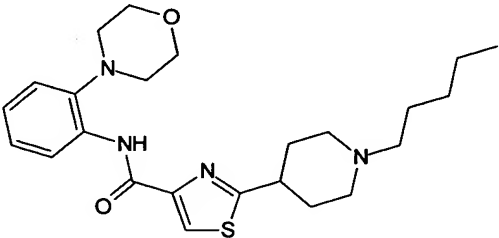
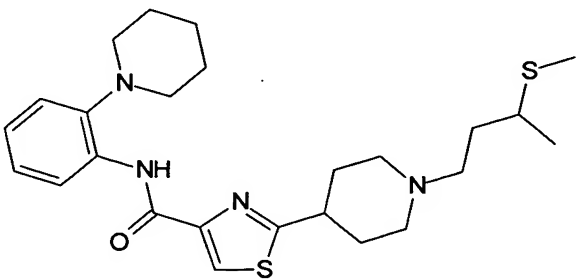
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1591 |  <chem>CC(C)CCN1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCCCC4)csc2</chem> | |
| 1592 |  <chem>CC(C)CCN1CCCCC1c2nc(C(=O)Nc3cc(C(C)(C)C)ccc3)csc2</chem> | |
| 1593 |  <chem>CC(C)CCN1CCCCC1c2nc(C(=O)Nc3cc(ccc3-c4ccccc4)c5ccccc5)csc2</chem> | |
| 1594 |  <chem>CC(C)CCN1CCCCC1c2nc(C(=O)Nc3cc(ccc3N4CCOCC4)c5ccccc5)csc2</chem> | |
| 1595 |  <chem>CC(C)CCN1CCCCC1c2nc(C(=O)Nc3cc(ccc3N4CCCCC4)c5ccccc5)csc2</chem> | |

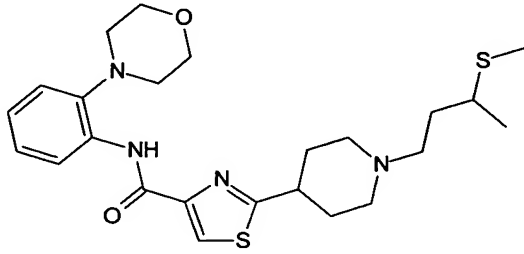
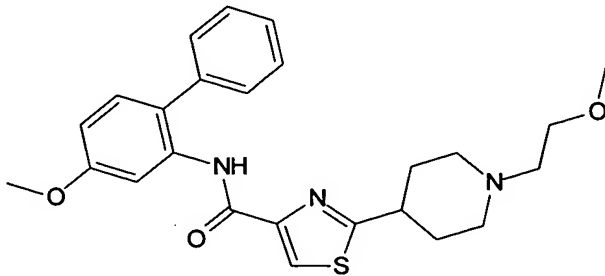
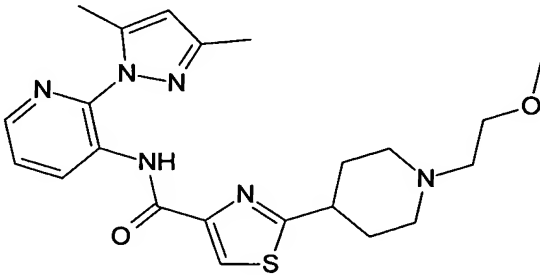
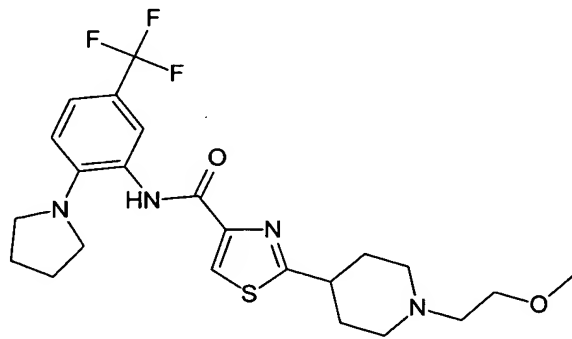
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1596 |  <chem>CCCC(C)CN1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCOCC4</chem> | |
| 1597 |  <chem>CCCC(C)CN1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCCCC4</chem> | |
| 1598 |  <chem>CCN1CCN(CC1)c2ccsc2C(=O)Nc3ccccc3N4CCCCC4CCc5ccccc5</chem> | |
| 1599 |  <chem>CCSCCN1CCN(CC1)c2ccsc2C(=O)Nc3ccc(OC)cc3c4ccccc4</chem> | |
| 1600 |  <chem>CCSCCN1CCN(CC1)c2ccsc2C(=O)Nc3ccc4c(c3)n5cnc(C)c5n4</chem> | |

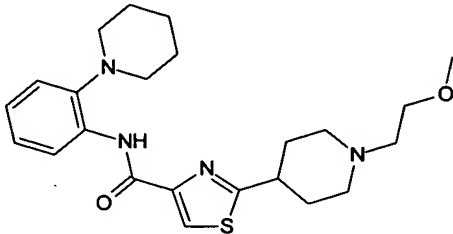
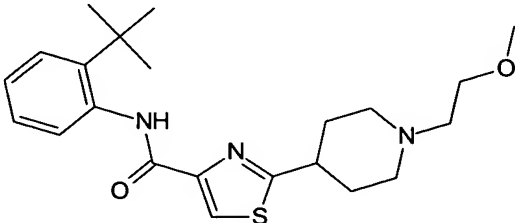
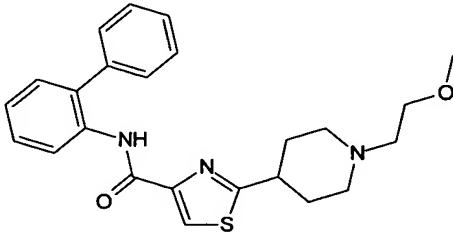
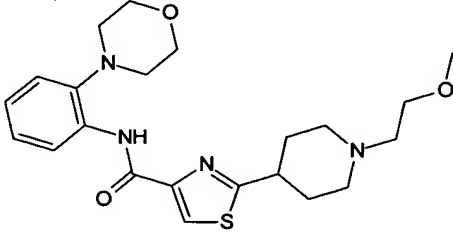
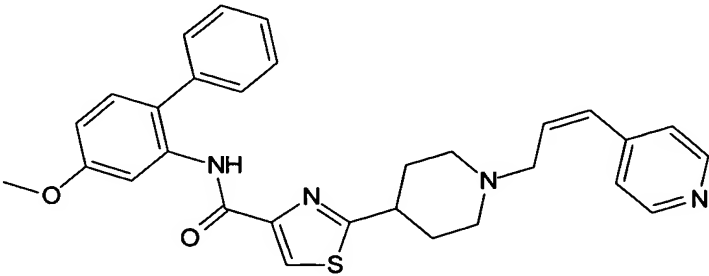
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1601 |  <p>2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1602 |  <p>2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[2-(tert-butyl)phenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1603 |  <p>2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[2-phenylphenyl]-1,3-thiazole-4-carboxamide</p> | |
| 1604 |  <p>2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[2-(morpholin-4-yl)phenyl]-1,3-thiazole-4-carboxamide</p> | |

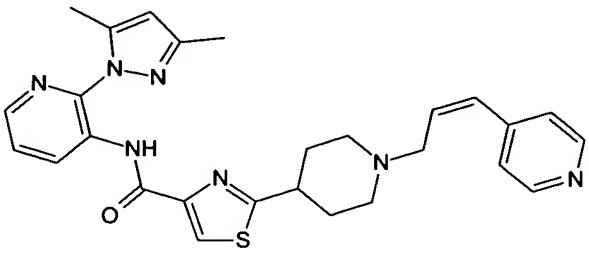
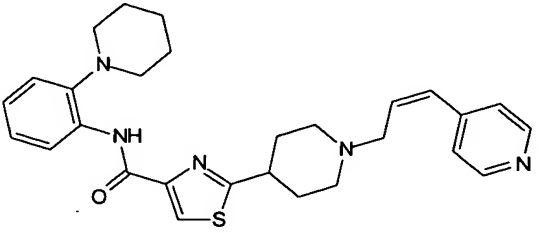
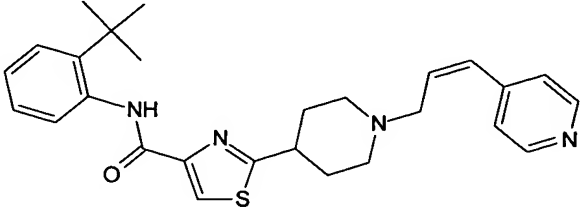
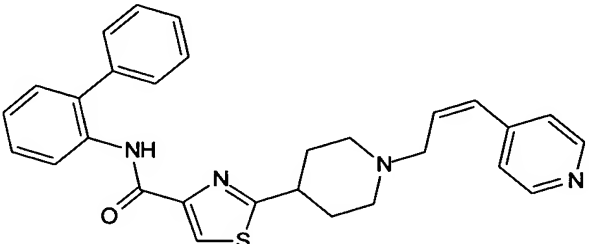
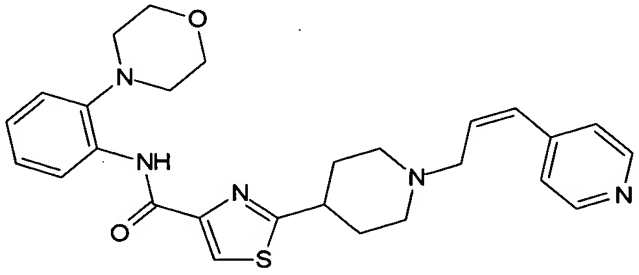
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1605 |  <chem>CCCCN1CC[C@H](c2nc(s2)C(=O)Nc3ccc(OC)cc3)CC1</chem> | |
| 1606 |  <chem>CCCCN1CC[C@H](c2nc(s2)C(=O)Nc3ccc(OC)cc3)CC1</chem> | |
| 1607 |  <chem>CCCCN1CC[C@H](c2nc(s2)C(=O)Nc3ccc(OC)cc3)CC1</chem> | |
| 1608 |  <chem>CCCCN1CC[C@H](c2nc(s2)C(=O)Nc3ccc(OC)cc3)CC1</chem> | |
| 1609 |  <chem>CCCCN1CC[C@H](c2nc(s2)C(=O)Nc3ccc(OC)cc3)CC1</chem> | |

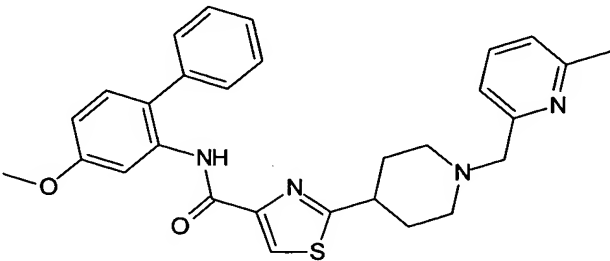
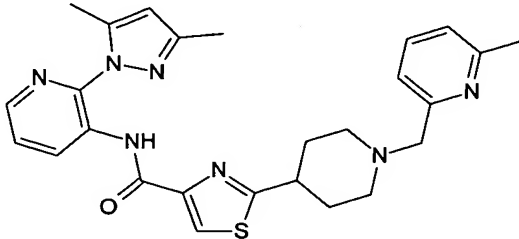
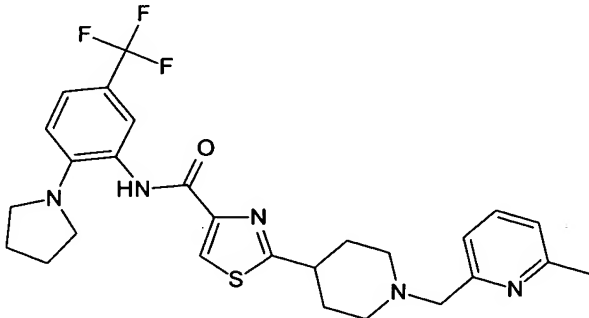
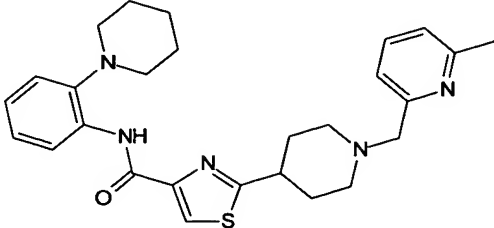
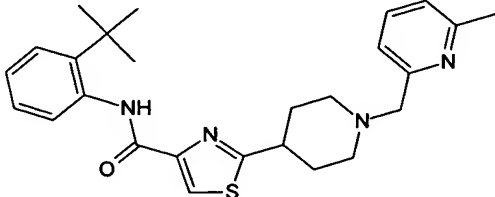
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1610 |  <chem>CCCCN1CC[C@H](c2cc[nH]c2C(=O)Nc3ccccc3c4ccccc4)CC1</chem> | |
| 1611 |  <chem>CCCCN1CC[C@H](c2cc[nH]c2C(=O)Nc3ccc(cc3N4CCOCC4)C5=CC=CC=C5)CC1</chem> | |
| 1612 |  <chem>CCCCN1CC[C@H](c2cc[nH]c2C(=O)Nc3cc(OC)ccc3C4=CC=CC=C4)CC1</chem> | |
| 1613 |  <chem>CCCCN1CC[C@H](c2cc[nH]c2C(=O)Nc3ccncc3C4=CN(C)C=C4)CC1</chem> | |
| 1614 |  <chem>CCCCN1CC[C@H](c2cc[nH]c2C(=O)Nc3cc(C(F)(F)F)ccc3C4=CC=CC=C4)CC1</chem> | |

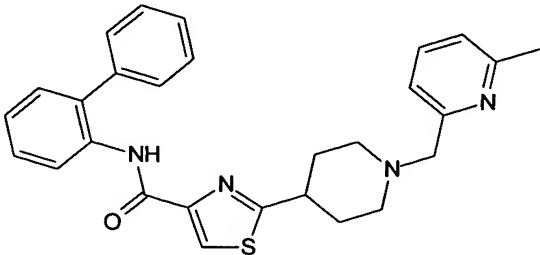
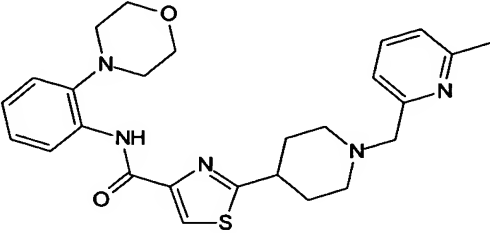
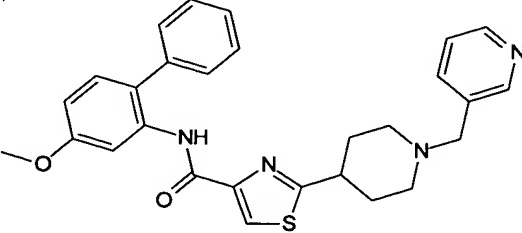
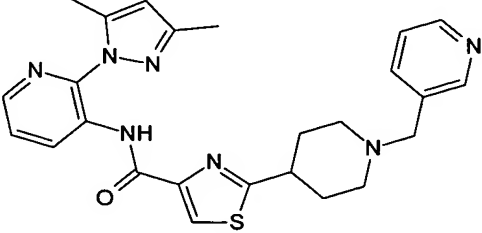
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1615 |  <chem>CCCCN1CC[C@H](c2nc(C(=O)Nc3ccccc3N4CCCCC4)s2)CC1</chem> | |
| 1616 |  <chem>CCCCN1CC[C@H](c2nc(C(=O)Nc3cc(C(C)(C)C)ccc3)s2)CC1</chem> | |
| 1617 |  <chem>CCCCN1CC[C@H](c2nc(C(=O)Nc3ccccc3c4ccccc4)s2)CC1</chem> | |
| 1618 |  <chem>CCCCN1CC[C@H](c2nc(C(=O)Nc3ccccc3N4CCOCC4)s2)CC1</chem> | |
| 1619 |  <chem>CCCC(C)S1CCN(CC1)[C@H]2CC[C@H](c3nc(C(=O)Nc4ccccc4N5CCCCC5)s3)CC2</chem> | |

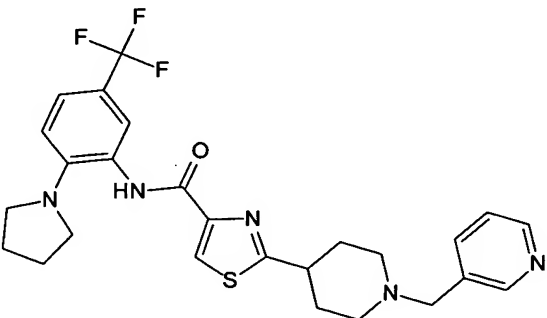
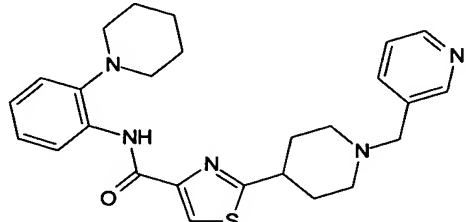
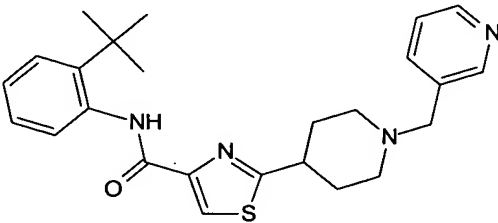
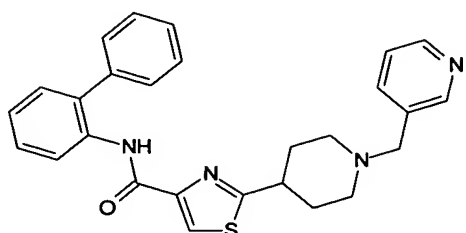
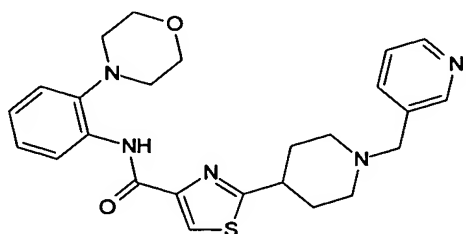
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1620 |  <chem>CC(C)SCCN1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)s2</chem> | |
| 1621 |  <chem>COCNCCN1CCCCC1c2nc(C(=O)Nc3ccc(OC)cc3c4ccccc4)s2</chem> | |
| 1622 |  <chem>COCNCCN1CCCCC1c2nc(C(=O)Nc3cc4nc(C)c(C)n4cc3)s2</chem> | |
| 1623 |  <chem>COCNCCN1CCCCC1c2nc(C(=O)Nc3cc(C(F)(F)F)ccc3N4CCCC4)s2</chem> | |

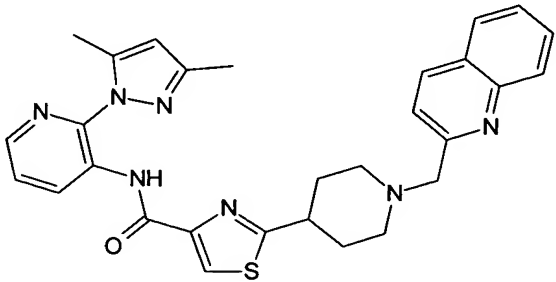
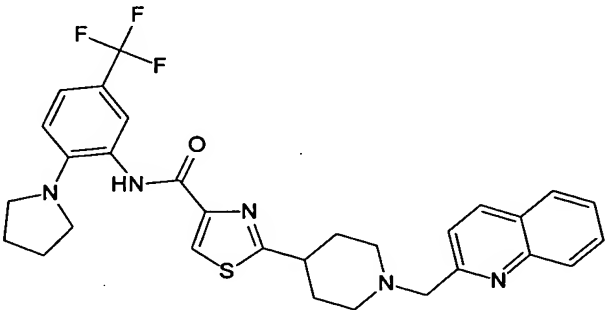
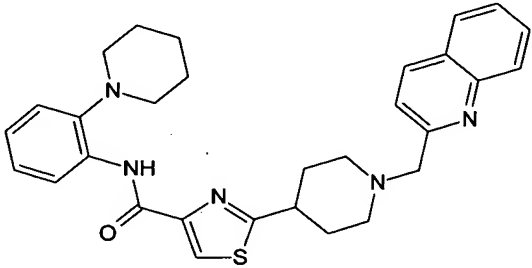
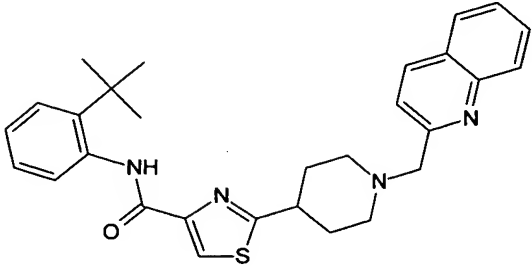
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1624 |  <chem>COCCN1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCCCC4)c3ccsc23</chem> | |
| 1625 |  <chem>COCCN1CCCCC1c2nc(C(=O)Nc3cc(C(C)(C)C)ccc3)c3ccsc23</chem> | |
| 1626 |  <chem>COCCN1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccccc4)c3ccsc23</chem> | |
| 1627 |  <chem>COCCN1CCCCC1c2nc(C(=O)Nc3ccccc3N4CCOCC4)c3ccsc23</chem> | |
| 1628 |  <chem>COc1ccc(cc1C(=O)Nc2ccccc2)c3nc(C4CCN(CC4)/C=C/c5ccncc5)c5ccsc35</chem> | |

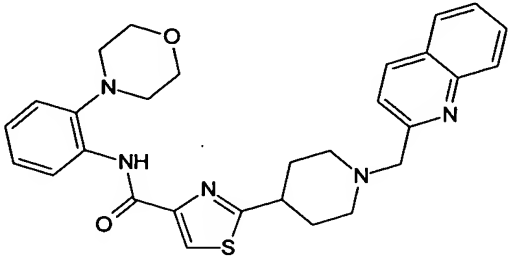
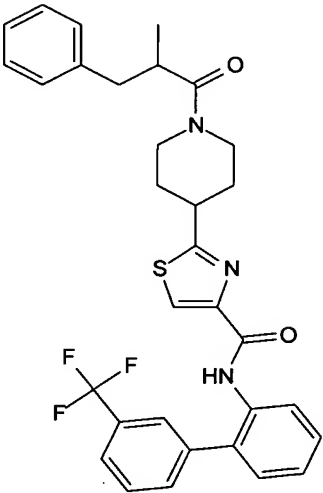
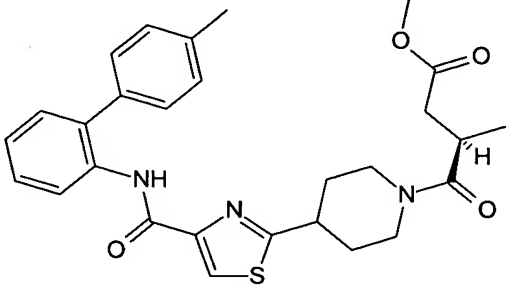
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1629 |  | |
| 1630 |  | |
| 1631 |  | |
| 1632 |  | |
| 1633 |  | |

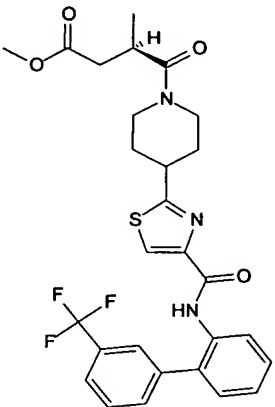
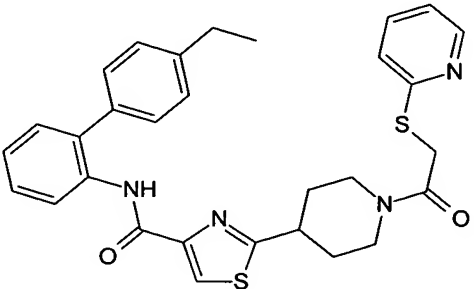
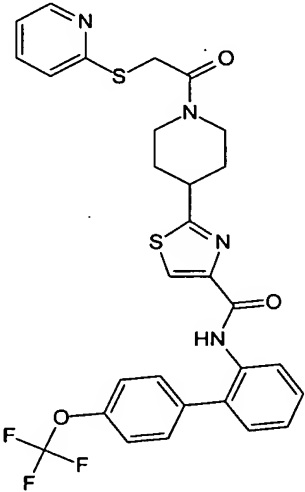
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1634 |  <chem>COc1ccc(NC(=O)c2cc(sc2C3CCN(CC3)Cc4cc(C)cn4)cc1</chem> | |
| 1635 |  <chem>Cc1cc(C)nn1C(=O)Nc2cc(sc2C3CCN(CC3)Cc4cc(C)cn4)</chem> | |
| 1636 |  <chem>FC(F)(F)c1ccc(NC(=O)c2cc(sc2C3CCN(CC3)Cc4cc(C)cn4)cc1</chem> | |
| 1637 |  <chem>C1CCN(CC1)c2ccccc2NC(=O)c3cc(sc3C4CCN(CC4)Cc5cc(C)cn5)</chem> | |
| 1638 |  <chem>CC(C)(C)c1ccccc1NC(=O)c2cc(sc2C3CCN(CC3)Cc4cc(C)cn4)</chem> | |

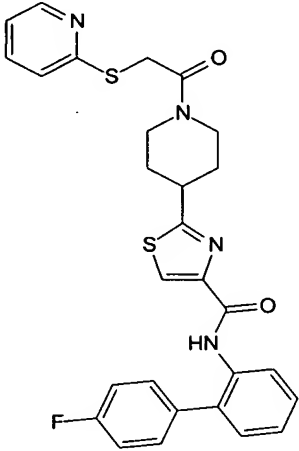
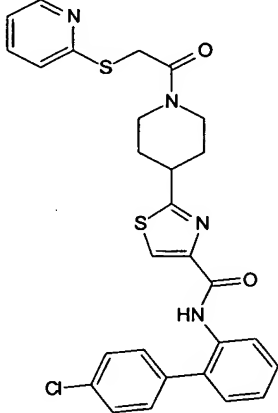
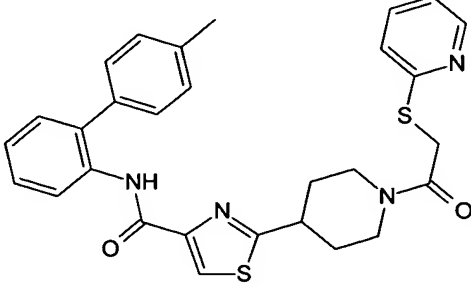
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1639 |  | |
| 1640 |  | |
| 1641 |  | |
| 1642 |  | |

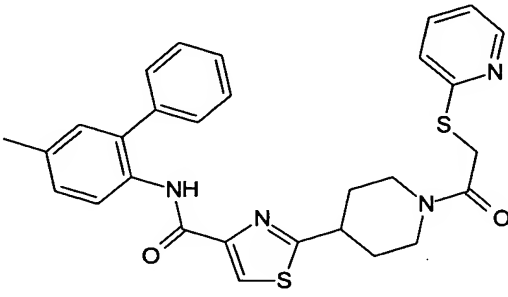
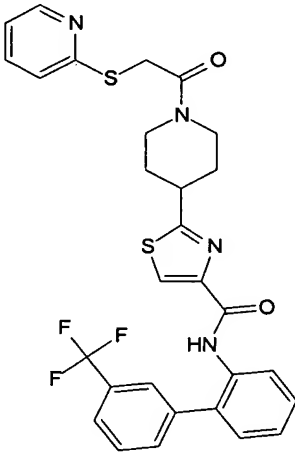
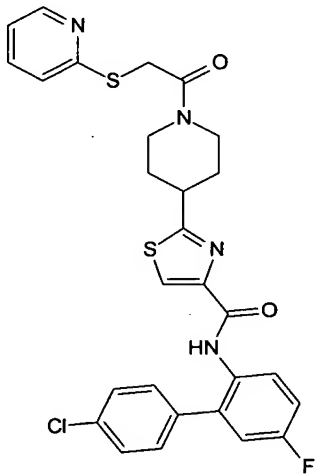
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|------|---|-------------|
| 1643 |  | |
| 1644 |  | |
| 1645 |  | |
| 1646 |  | |
| 1647 |  | |

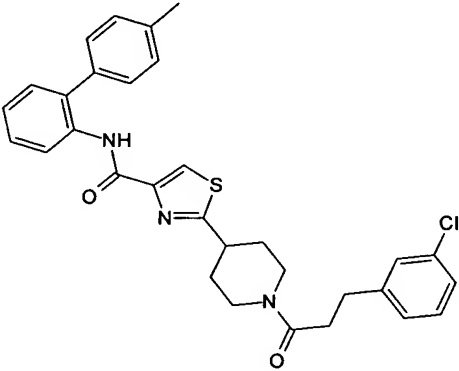
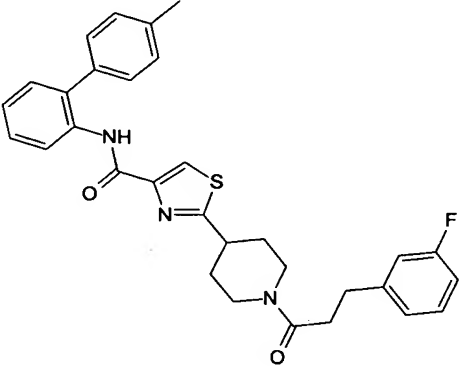
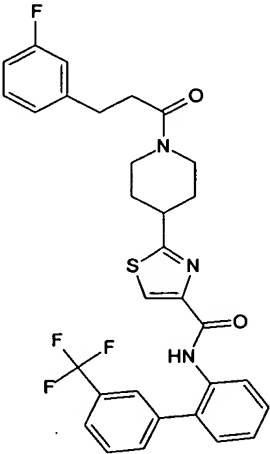
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1648 |  | |
| 1649 |  | |
| 1650 |  | |
| 1651 |  | |

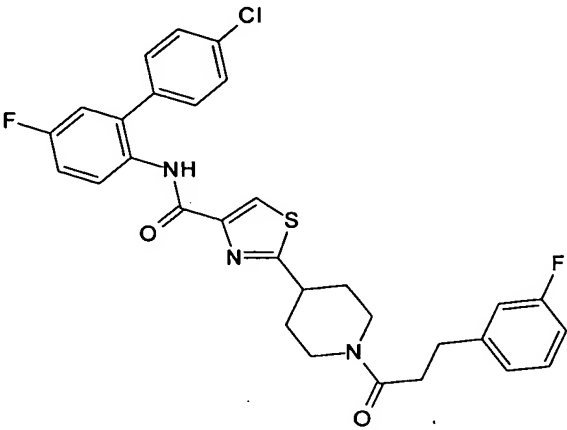
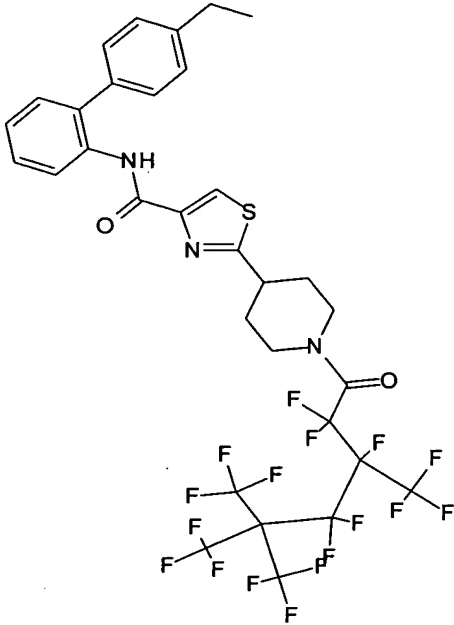
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1652 |  <chem>O=C1C=NC(S1)C2CCN(CC2)Cc3ccc4nc5ccccc5n43</chem> | |
| 1653 |  <chem>CC(C)(Cc1ccccc1)C(=O)N2CCCCC2C3=NC(=CS3)C(=O)Nc4ccccc4-c5ccc(cc5)C(F)(F)F</chem> | |
| 1654 |  <chem>COC(=O)C(C)(C)C(=O)N1CCN(CC1)C2=NC(=CS2)C(=O)Nc3ccccc3-c4ccc(C)cc4</chem> | |

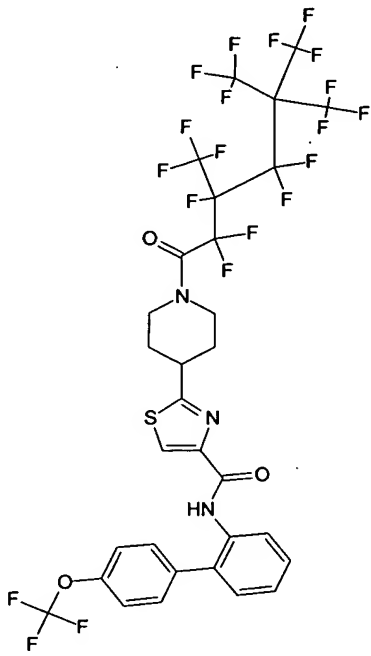
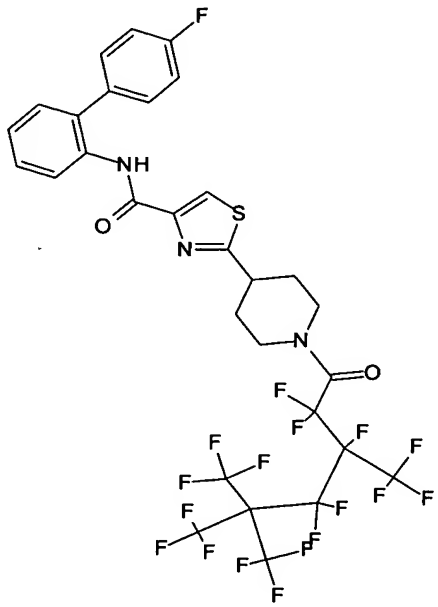
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1655 |  <p>methyl (3R)-3-methyl-4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]-amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p> | |
| 1656 |  | |
| 1657 |  <p>2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

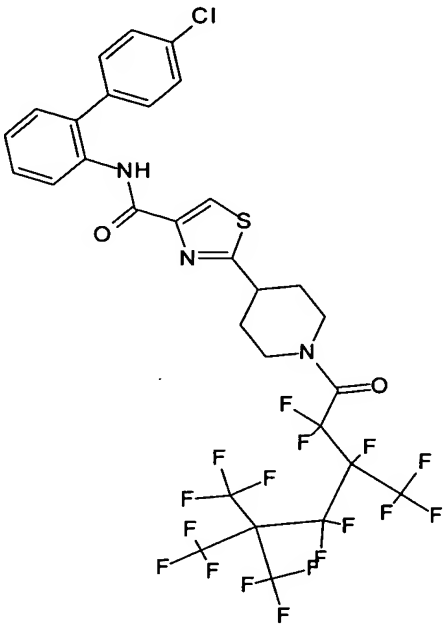
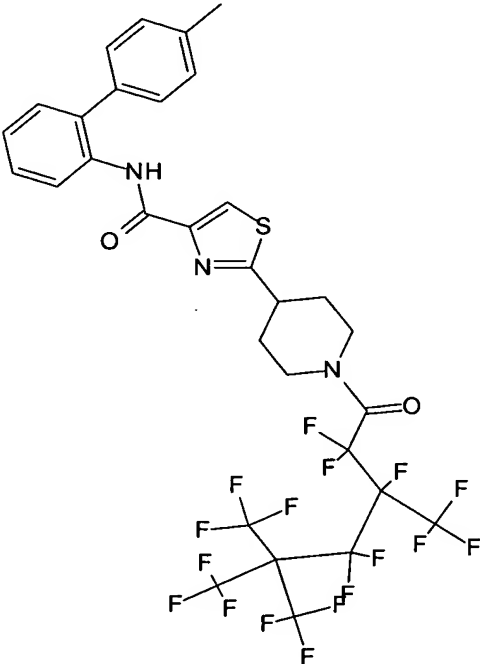
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1658 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1659 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1660 |  | |

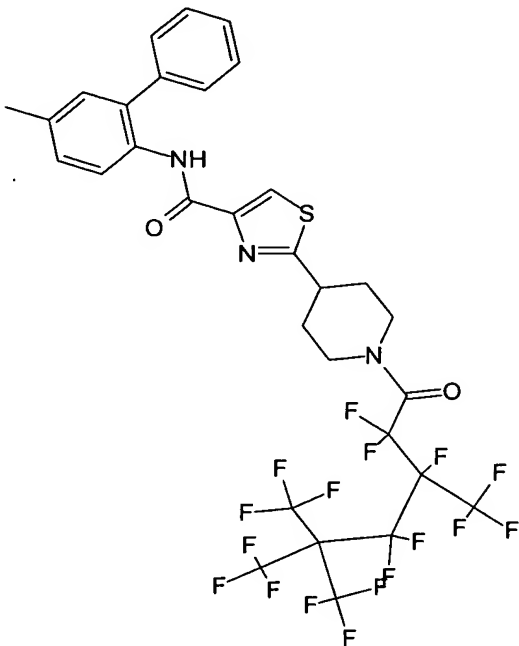
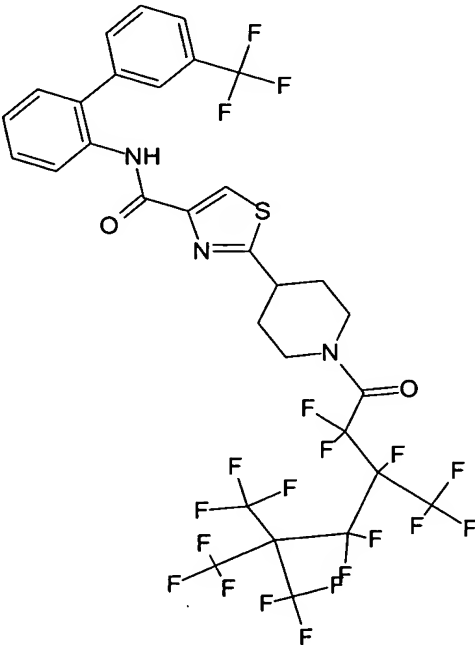
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1661 |  | |
| 1662 |  <p data-bbox="316 1186 1226 1260">2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1663 |  <p data-bbox="316 1785 1226 1848">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

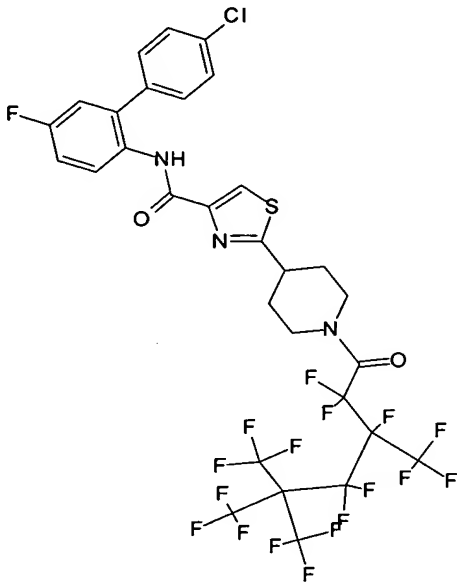
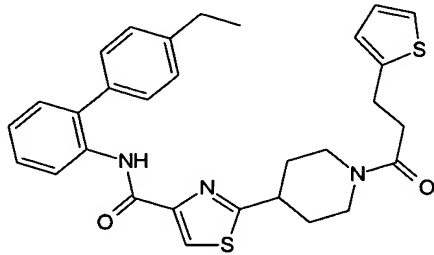
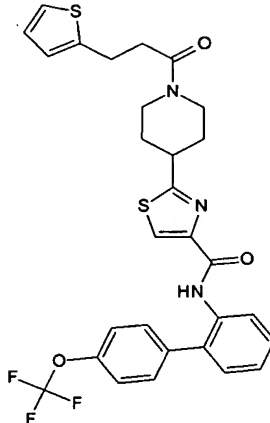
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1664 |  <p data-bbox="310 743 1224 800">2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1665 |  <p data-bbox="310 1236 1224 1293">2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1666 |  <p data-bbox="310 1795 1159 1852">2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

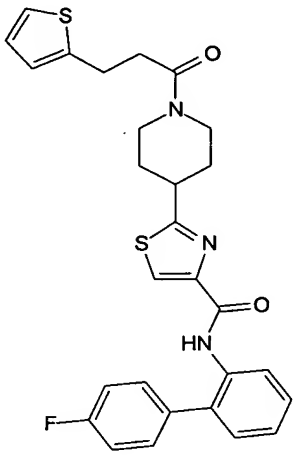
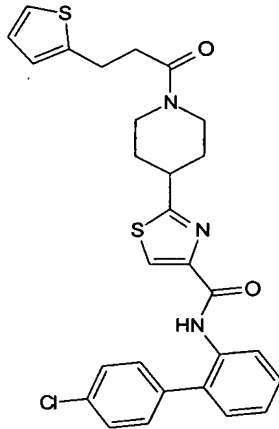
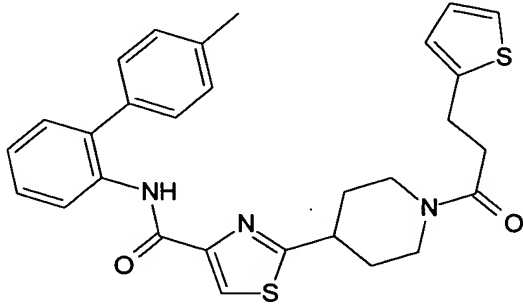
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1667 |  <p data-bbox="310 814 1144 877">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1668 |  <p data-bbox="310 1591 1203 1654">N-(4'-ethylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

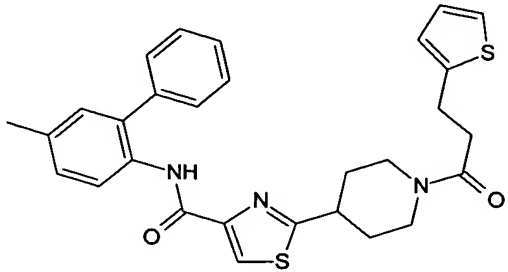
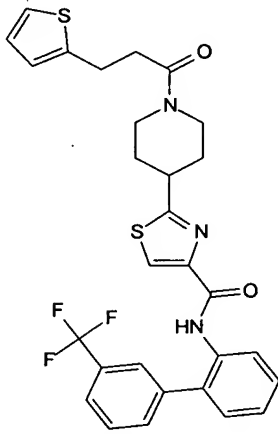
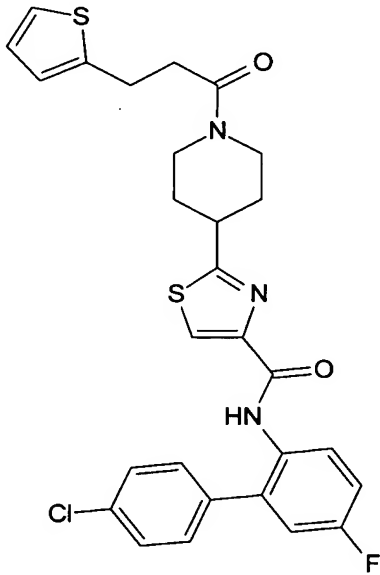
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1669 |  <p>2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1670 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

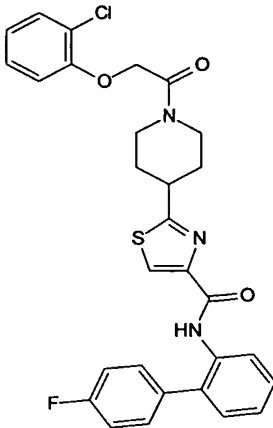
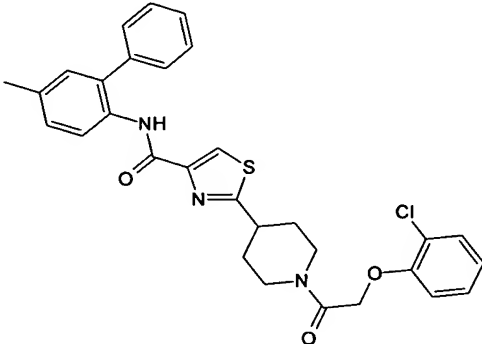
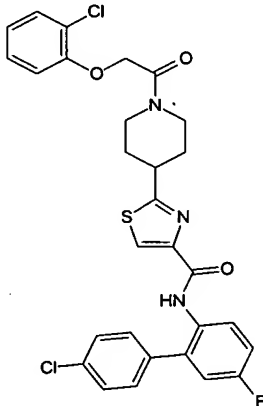
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1671 |  <p data-bbox="310 993 1222 1050">N-(4'-chlorobiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1672 |  <p data-bbox="310 1772 1222 1829">N-(4'-methylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

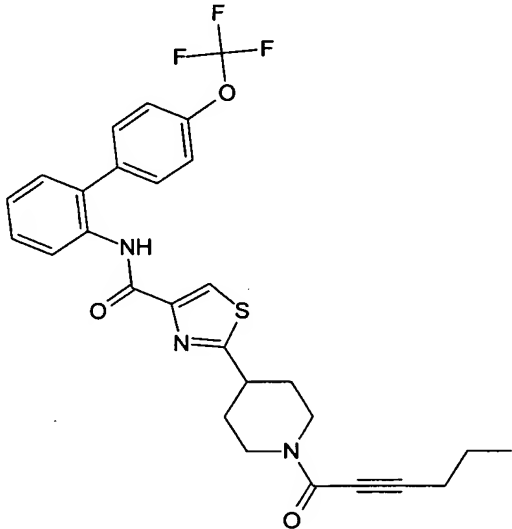
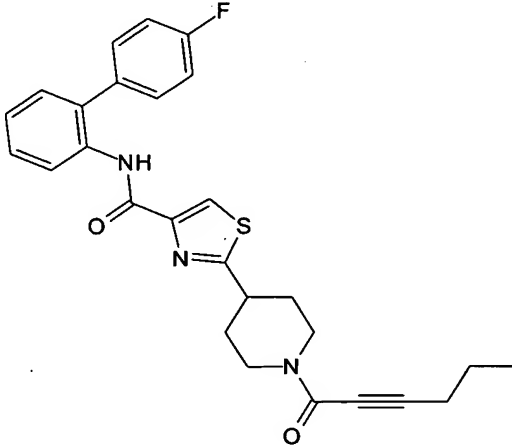
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1673 |  <p data-bbox="306 1010 1219 1066">N-(5-methylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1674 |  <p data-bbox="306 1772 1214 1829">2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

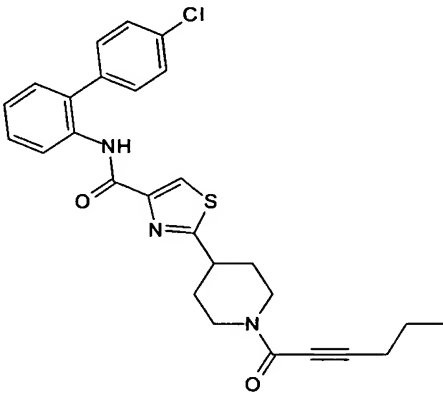
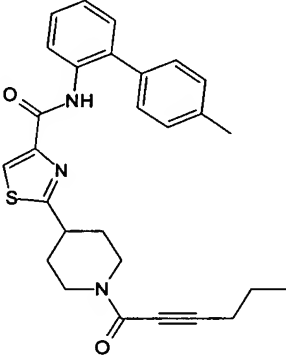
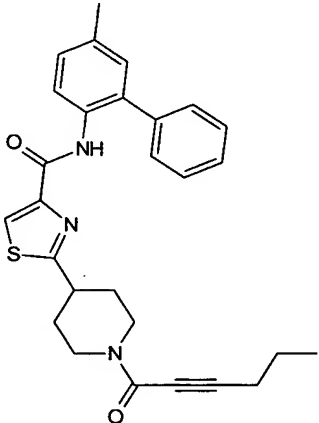
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1675 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1676 |  | |
| 1677 |  <p>2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

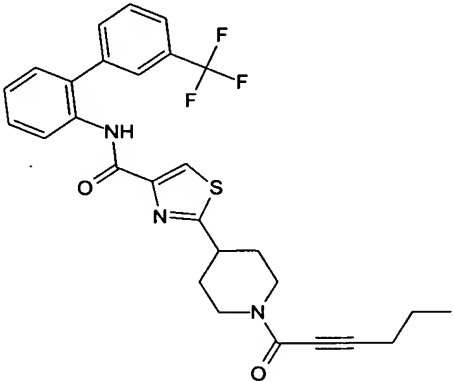
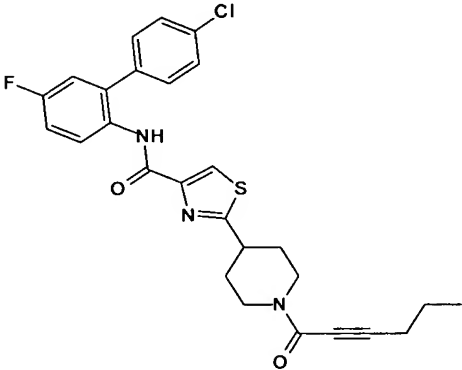
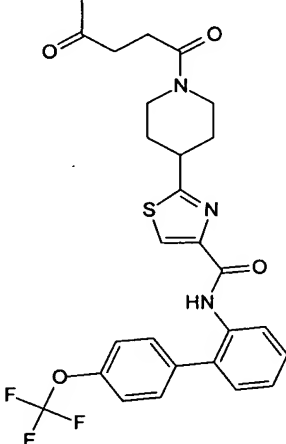
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|------|---|-------------|
| 1678 |  <p data-bbox="316 840 1185 892">N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1679 |  <p data-bbox="316 1396 1185 1449">N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1680 |  | |

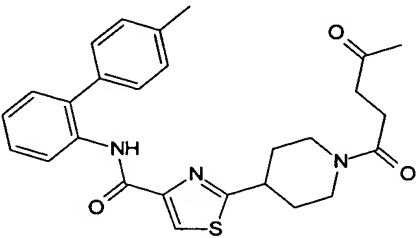
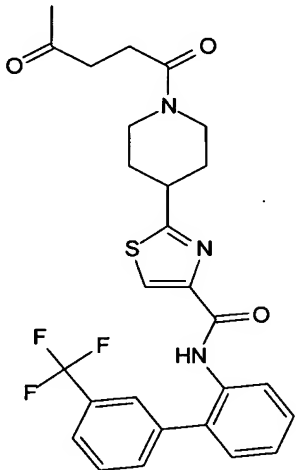
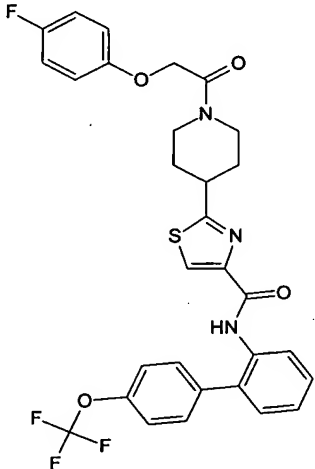
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1681 |  | |
| 1682 |  <p data-bbox="310 1100 1218 1161">2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1683 |  | |

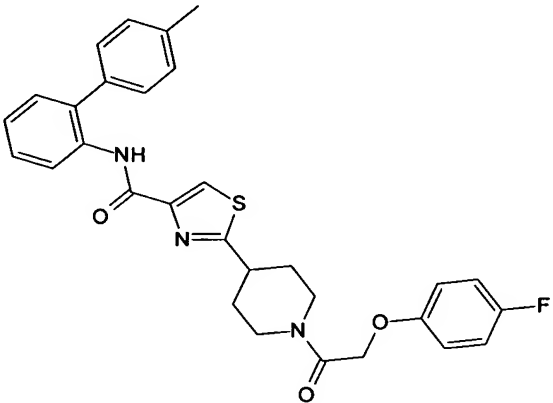
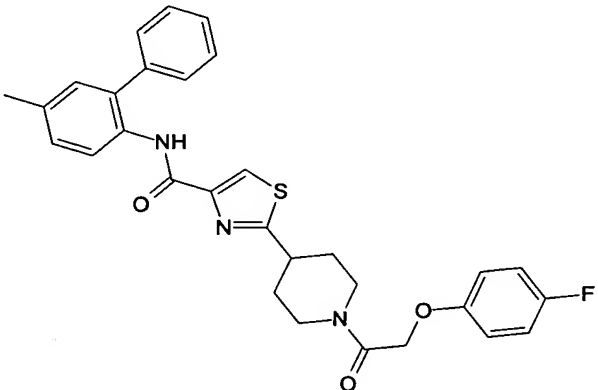
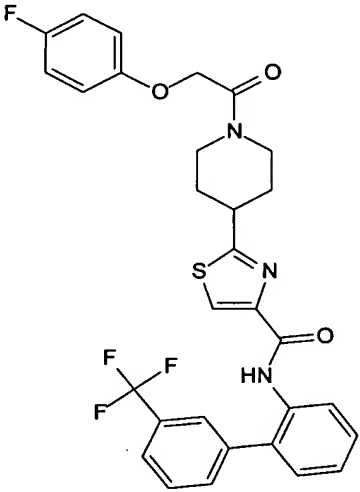
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1684 |  <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1685 |  <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1686 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

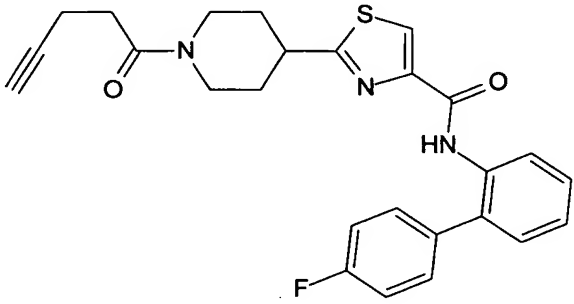
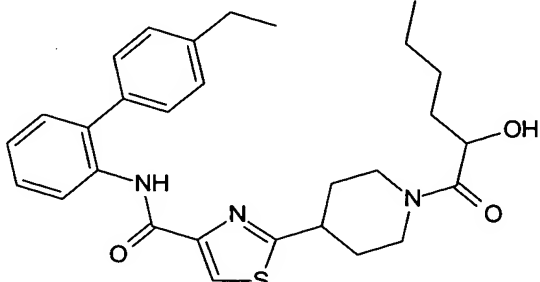
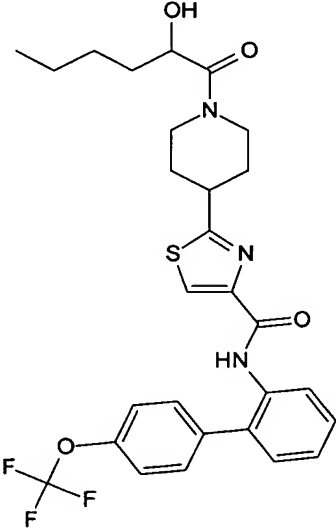
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1687 |  <p data-bbox="310 951 1182 1010">2-(1-hex-2-ynoylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1688 |  <p data-bbox="310 1587 1169 1646">N-(4'-fluorobiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

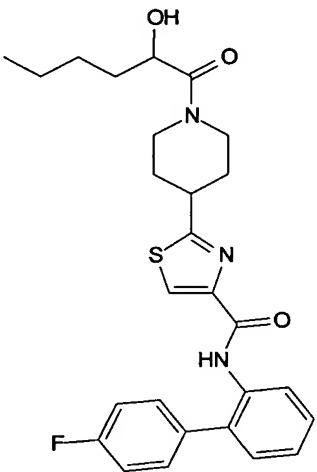
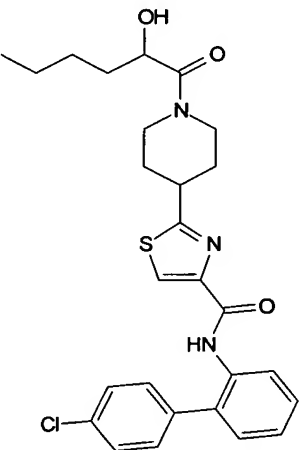
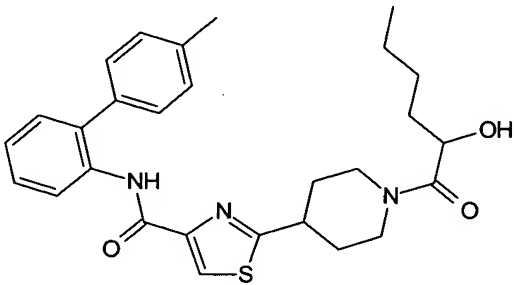
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1689 |  <p data-bbox="313 766 1177 825">N-(4'-chlorobiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1690 |  <p data-bbox="313 1260 1177 1318">2-(1-hex-2-ynoylpiperidin-4-yl)-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1691 |  <p data-bbox="313 1795 1177 1854">2-(1-hex-2-ynoylpiperidin-4-yl)-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

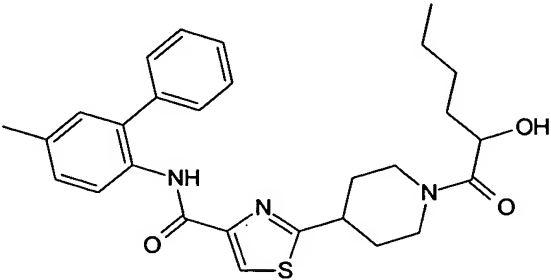
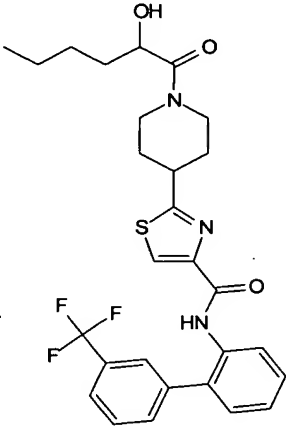
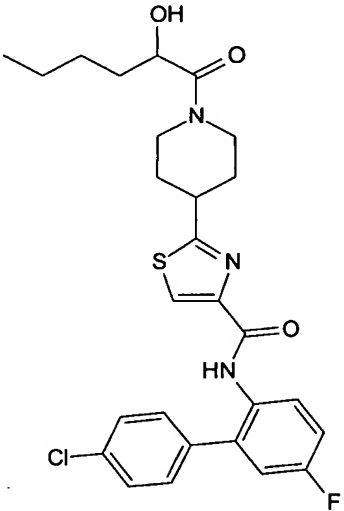
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1692 |  <p>2-(1-hex-2-ynoyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1693 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hex-2-ynoyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1694 |  <p>2-[1-(4-oxopentano-1-yl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

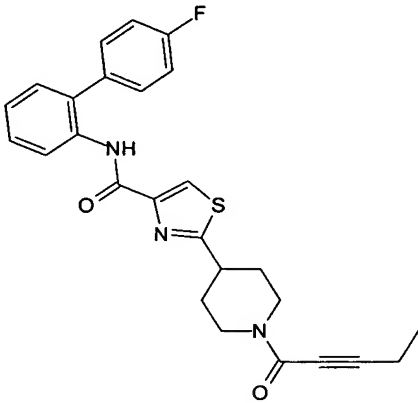
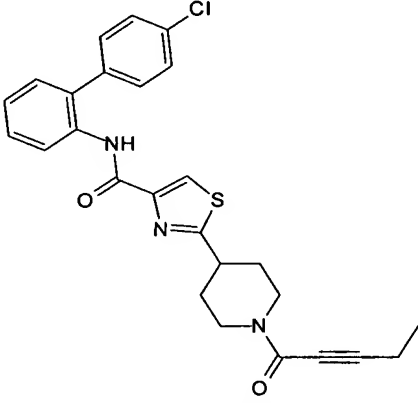
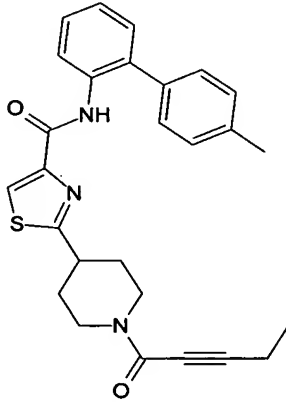
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1695 |  | |
| 1696 |  <p data-bbox="310 1171 1224 1224">2-[1-(4-oxopentanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1697 |  <p data-bbox="310 1768 1133 1820">2-[1-[(4-fluorophenoxy)acetyl]piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

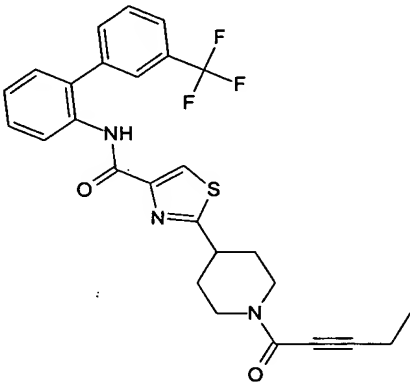
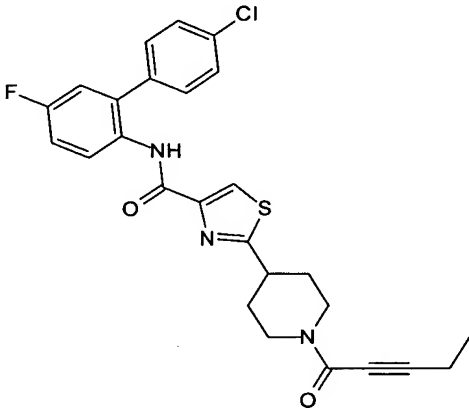
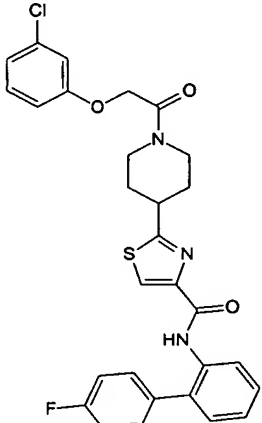
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1698 |  <chem>CC1=CC=C(C=C1)c2ccccc2NC(=O)c3nc(s3)C4CCN(CC4)C(=O)COc5ccc(F)cc5</chem> | |
| 1699 |  <chem>CC1=CC=C(C=C1)c2ccccc2NC(=O)c3nc(s3)C4CCN(CC4)C(=O)COc5ccc(F)cc5</chem> | |
| 1700 |  <chem>Fc1ccc(OCC(=O)N2CCN(CC2)c3nc(s3)C(=O)Nc4ccccc4-c5ccccc5C(F)(F)F)cc1</chem> | |

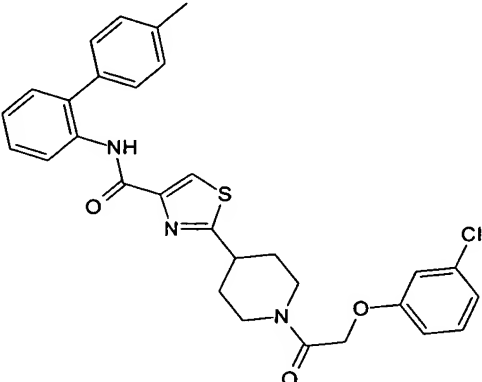
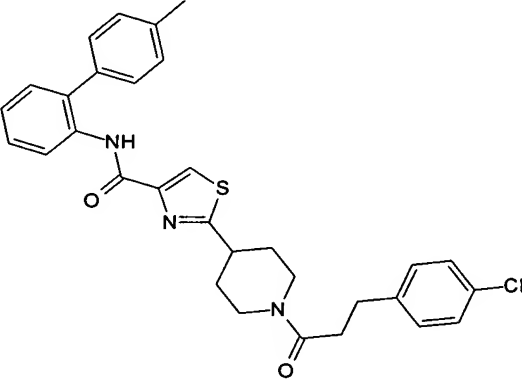
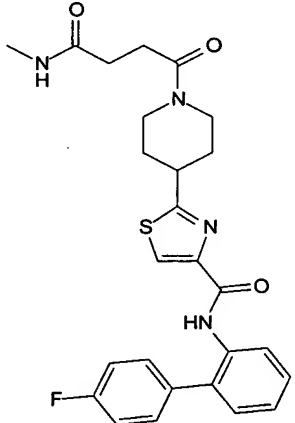
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1701 |  | |
| 1702 |  | |
| 1703 |  | |

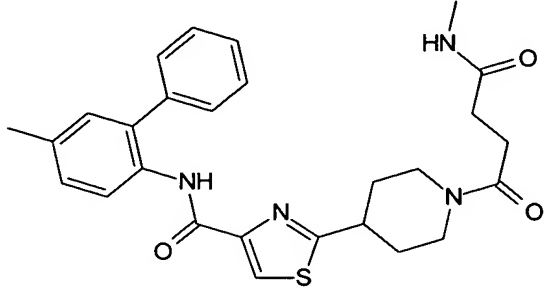
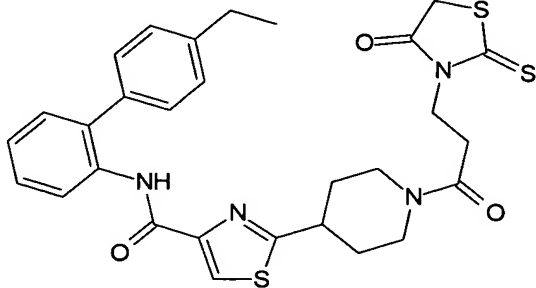
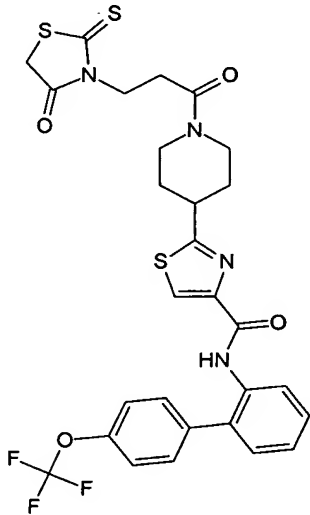
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1704 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1705 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1706 |  | |

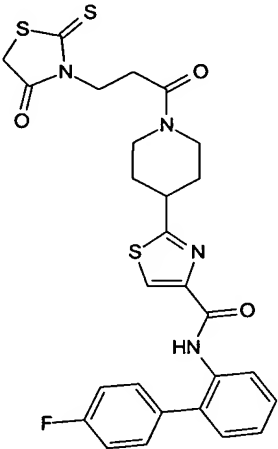
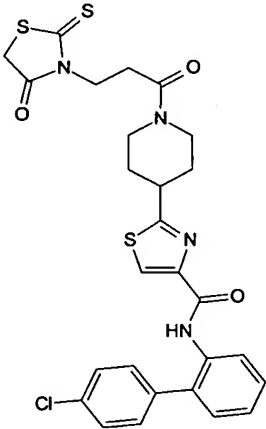
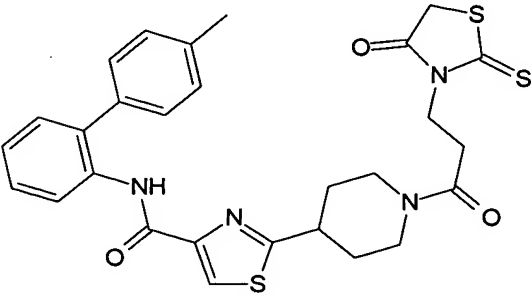
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1707 |  | |
| 1708 |  <p data-bbox="313 1146 1219 1203">2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1709 |  <p data-bbox="313 1793 1208 1850">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

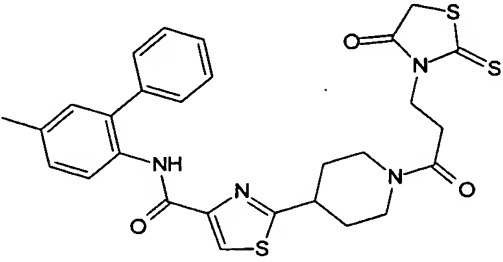
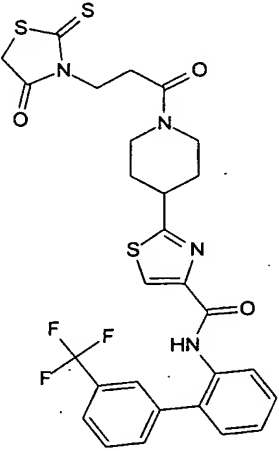
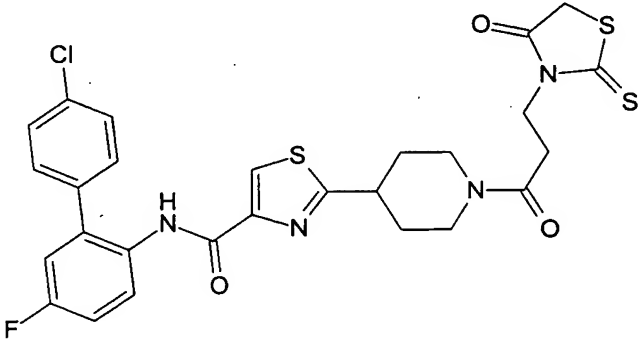
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1710 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1711 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1712 |  <p>N-(4'-methylbiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

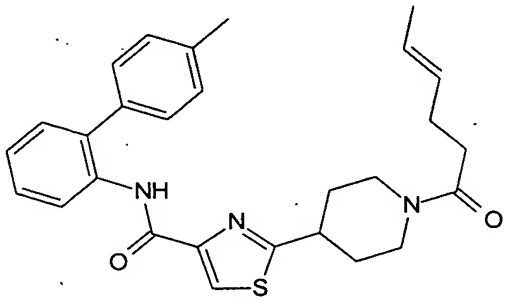
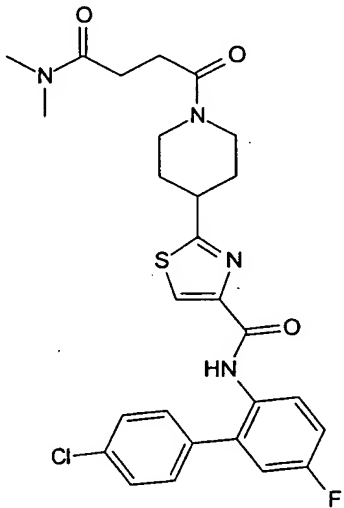
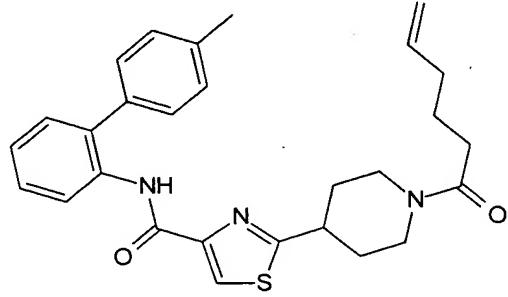
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1713 |  <p>2-(1-pent-2-ynoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1714 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1715 |  <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

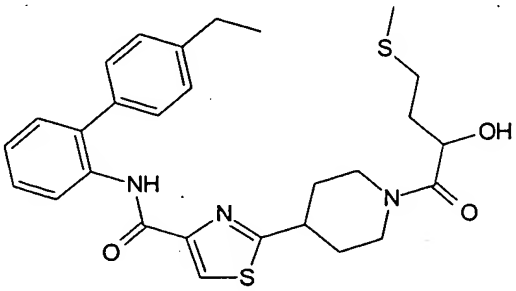
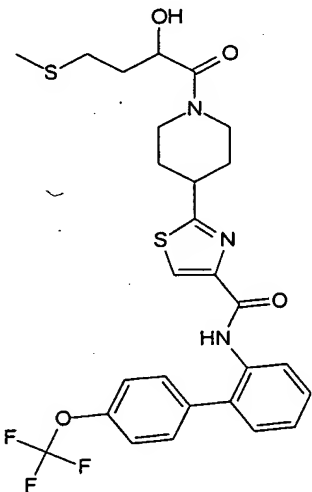
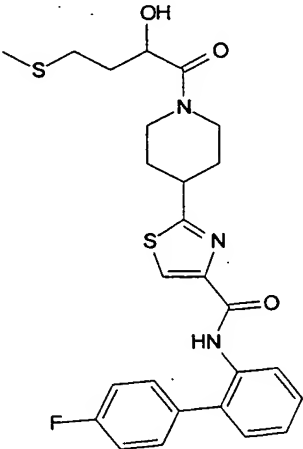
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1716 |  <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1717 |  <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1718 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[4-(methylamino)-4-oxobutanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

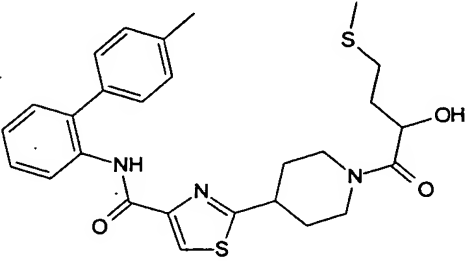
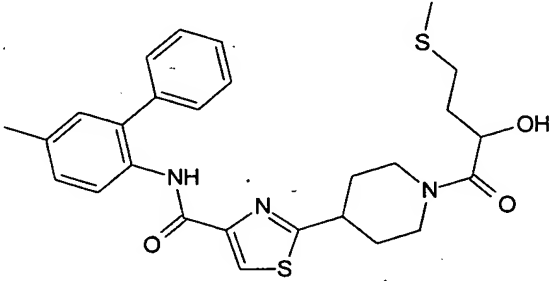
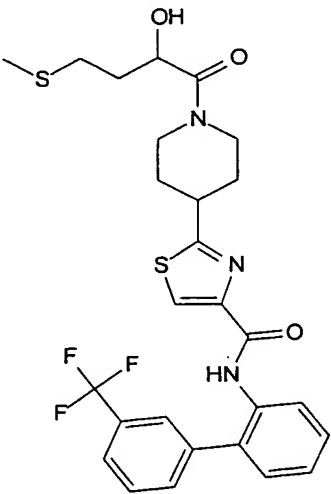
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1719 |  | |
| 1720 |  | |
| 1721 |  <p data-bbox="310 1711 1193 1770">2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

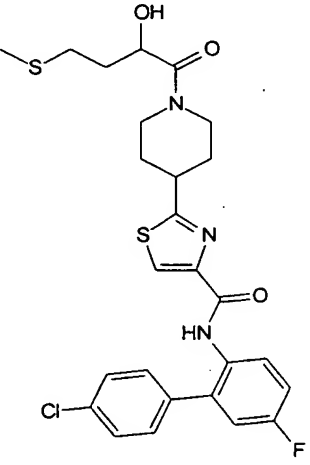
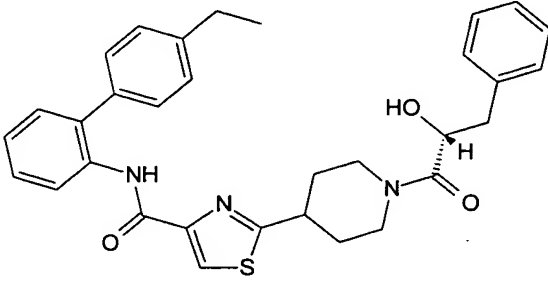
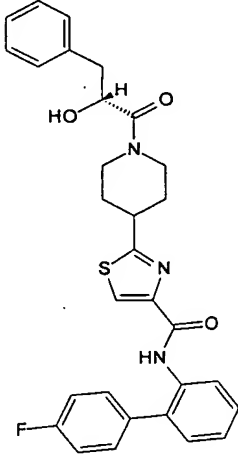
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1722 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1723 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1724 |  | |

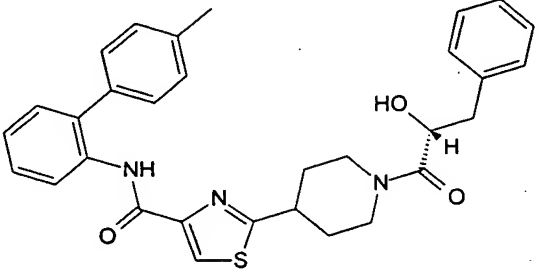
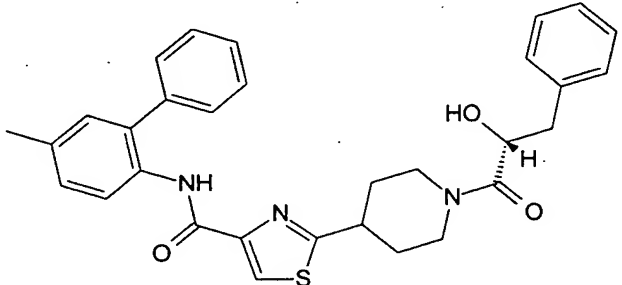
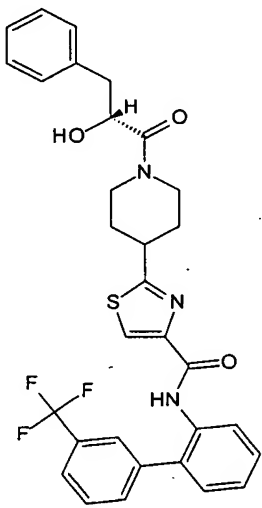
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|------|--|-------------|
| 1725 |  | |
| 1726 |  <p data-bbox="321 1129 1203 1192">2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1727 |  | |

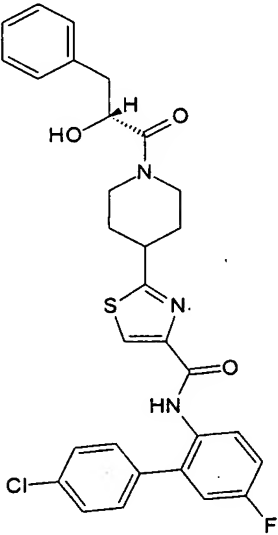
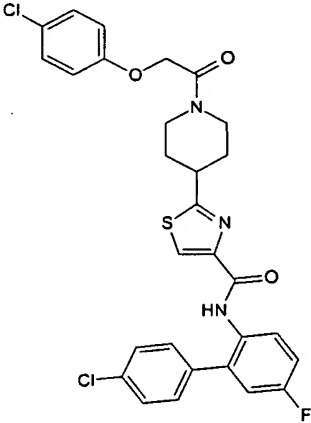
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|------|--|-------------|
| 1728 |  | |
| 1729 |  <p data-bbox="316 1270 1218 1333">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[4-(dimethylamino)-4-oxobutanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1730 |  | |

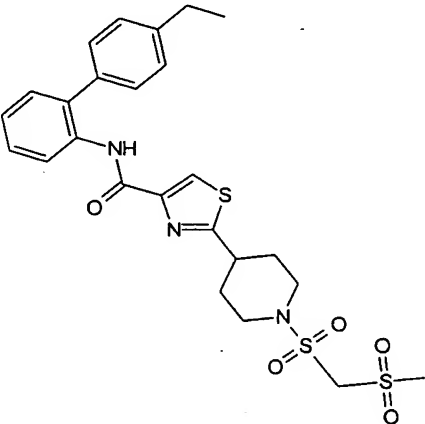
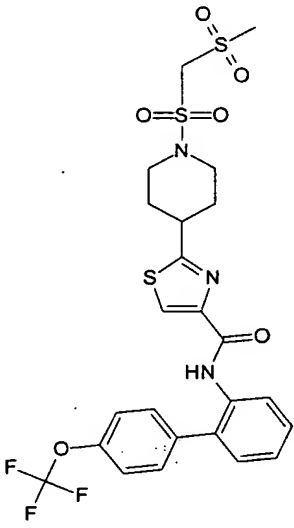
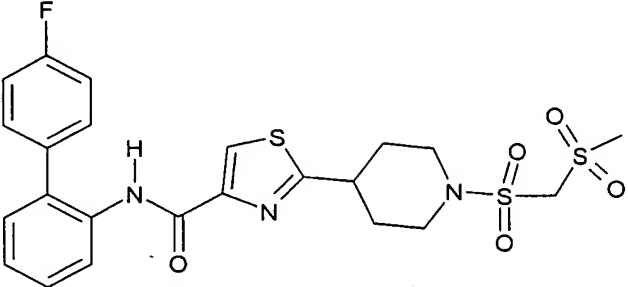
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|------|---|-------------|
| 1731 |  | |
| 1732 |  <p data-bbox="316 1228 1136 1291">2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1733 |  <p data-bbox="316 1806 1234 1858">N-(4'-fluorobiphenyl-2-yl)-2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

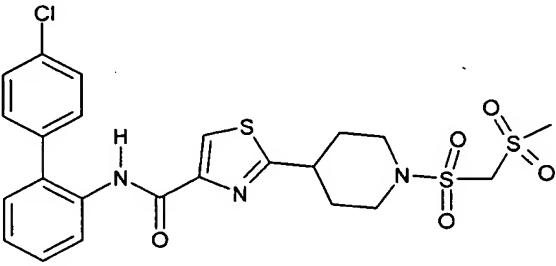
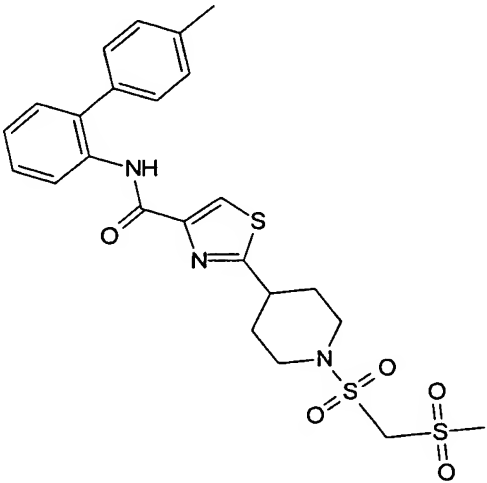
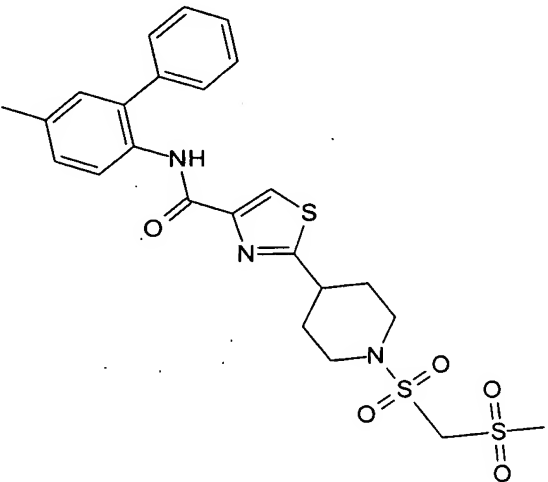
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|------|--|-------------|
| 1734 |  | |
| 1735 |  | |
| 1736 |  <p data-bbox="321 1539 1235 1598">2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

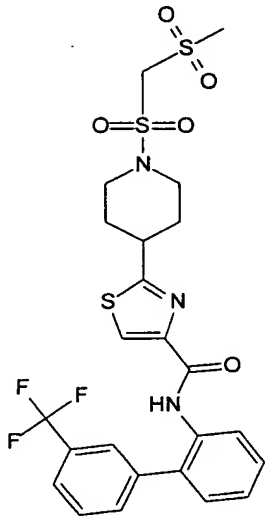
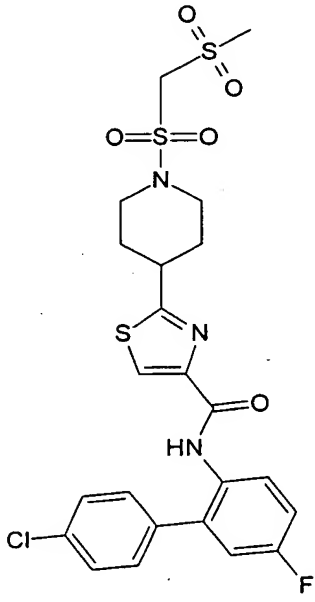
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| 1737 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[2-hydroxy-4-(methylthio)butanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1738 |  <p>N-(4-ethylphenyl)-2-{1-[(2S)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1739 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

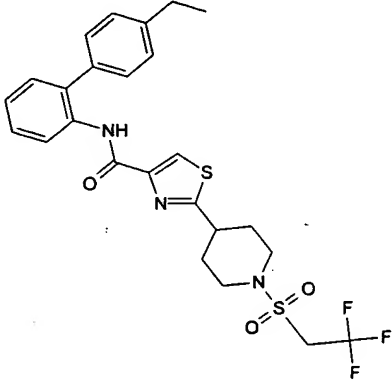
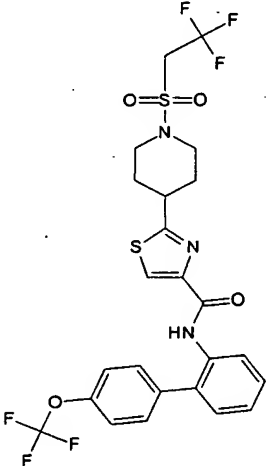
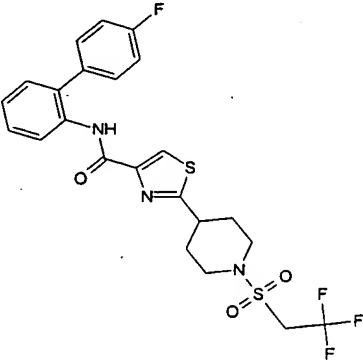
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1740 |  | |
| 1741 |  | |
| 1742 |  <p data-bbox="321 1690 1161 1753">2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

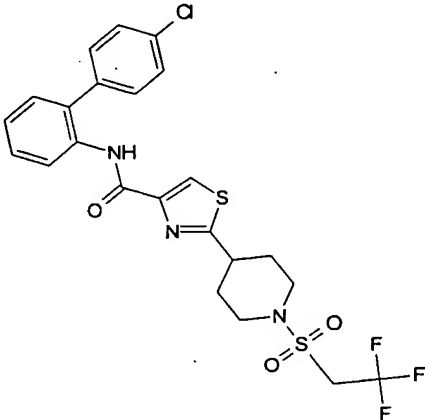
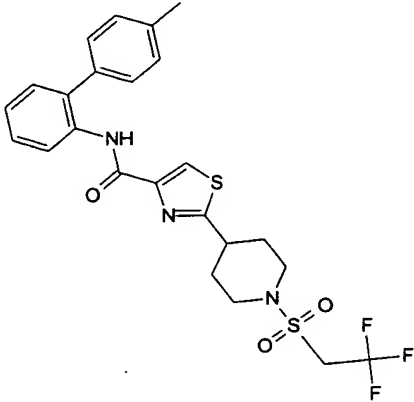
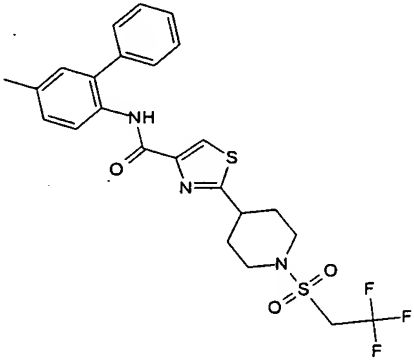
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1743 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1744 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

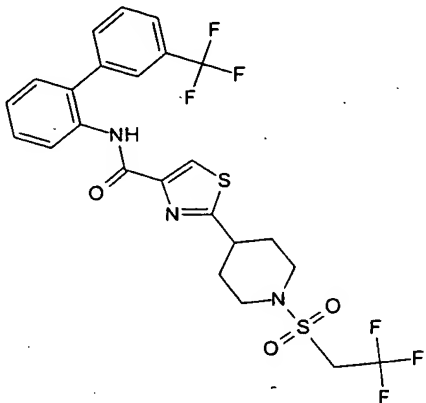
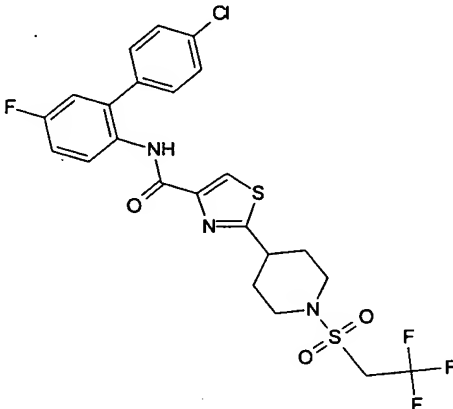
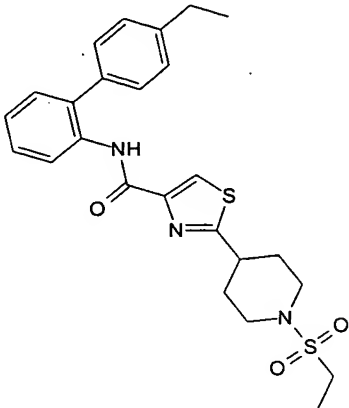
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1745 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1746 |  <p>2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1747 |  <p>N-(2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazol-4-yl)-2-(4-fluorophenyl)benzamide</p> | |

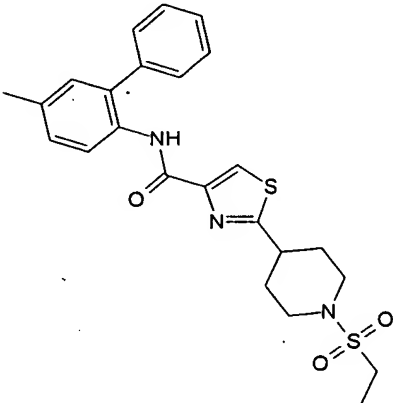
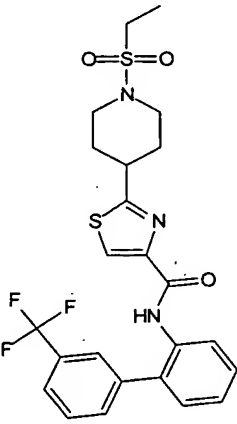
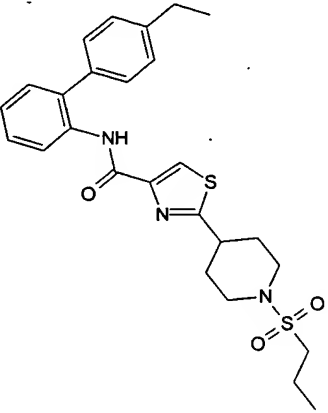
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1748 |  | |
| 1749 |  <p data-bbox="318 1157 1230 1213">N-(4'-methylbiphenyl-2-yl)-2-((1-[(methylsulfonyl)methyl]sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1750 |  | |

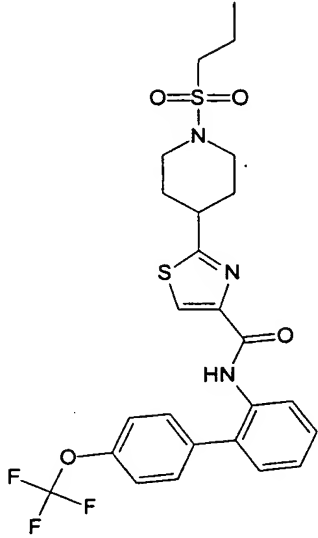
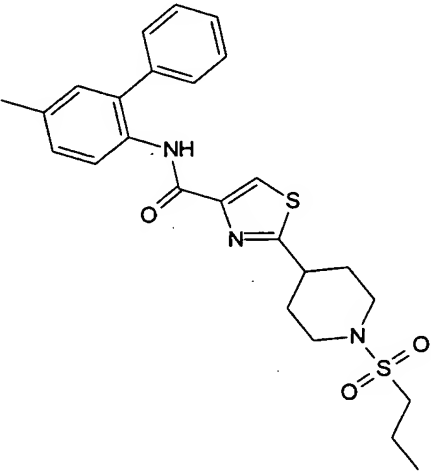
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1751 |  <p data-bbox="316 909 1209 972">2-(1-[[[(methylsulfonyl)methyl]sulfonyl]piperidin-4-yl]-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1752 |  <p data-bbox="316 1696 1209 1759">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[[[(methylsulfonyl)methyl]sulfonyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

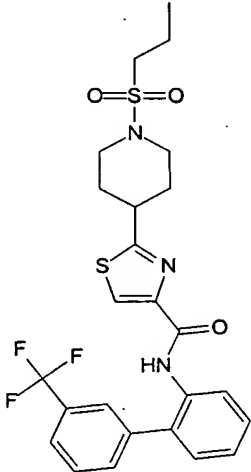
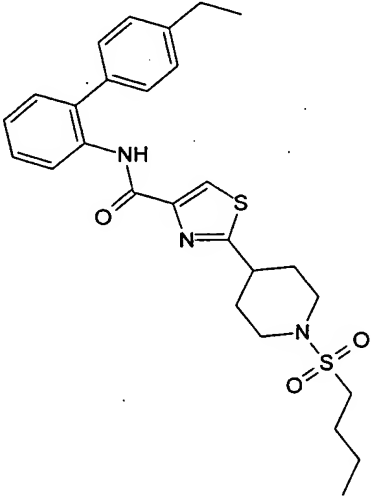
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1753 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1754 |  <p>2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1755 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

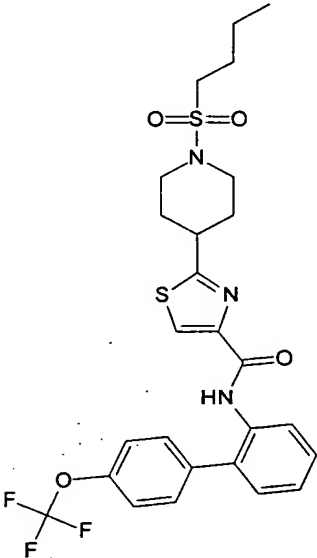
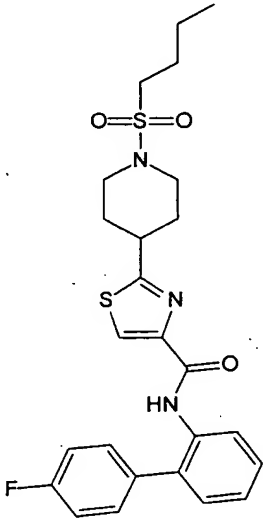
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1756 |  <p data-bbox="321 793 1209 852">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1757 |  <p data-bbox="321 1333 1209 1392">N-(4'-methylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1758 |  <p data-bbox="321 1801 1209 1860">N-(5-methylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

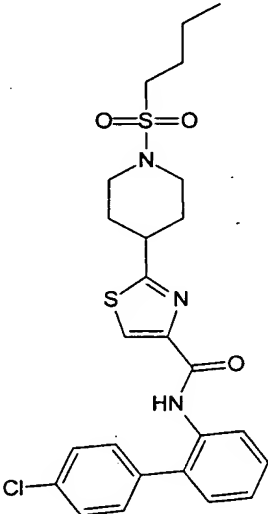
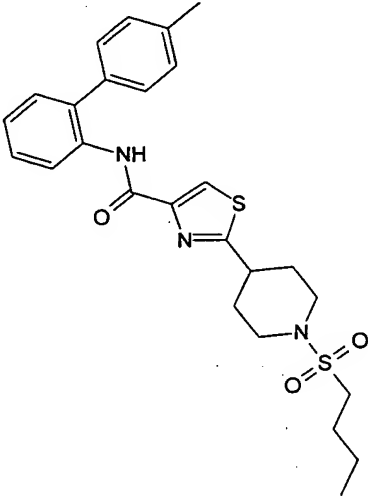
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1759 |  <p>2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1760 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1761 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

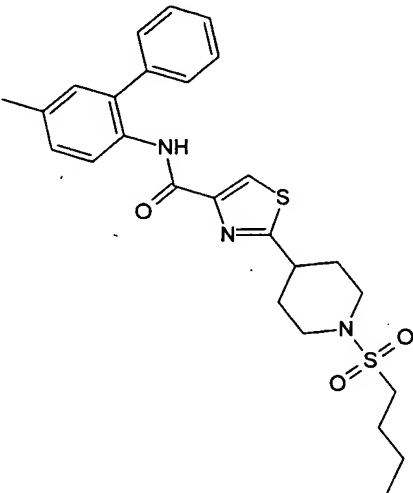
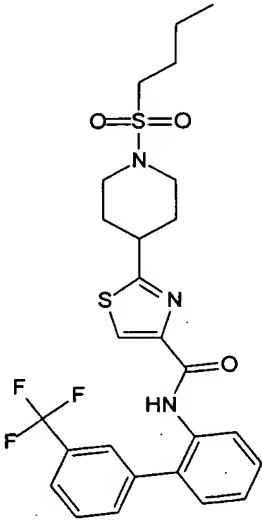
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1762 |  <p data-bbox="313 772 1203 831">2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1763 |  <p data-bbox="313 1287 1187 1346">2-[1-(ethylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1764 |  <p data-bbox="313 1808 1203 1864">N-(4'-ethylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

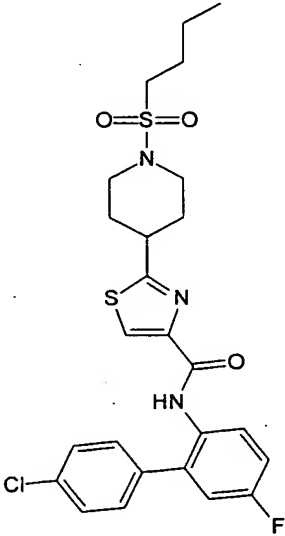
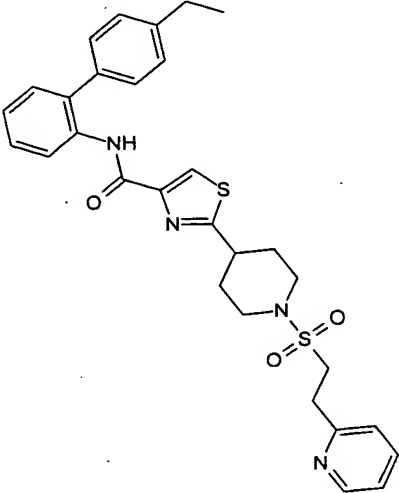
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1765 |  <p>2-[1-(propylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1766 |  <p>2</p> | |

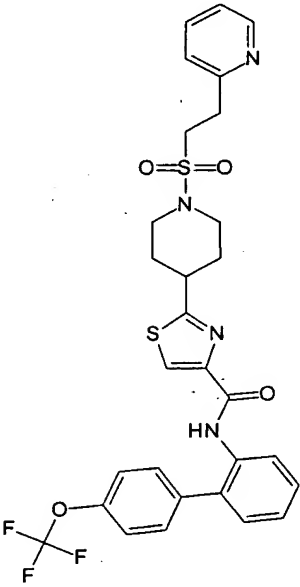
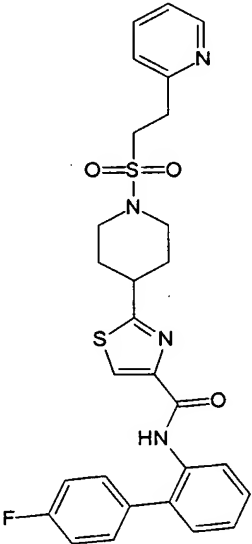
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1767 |  <p>2-[1-(propylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1768 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

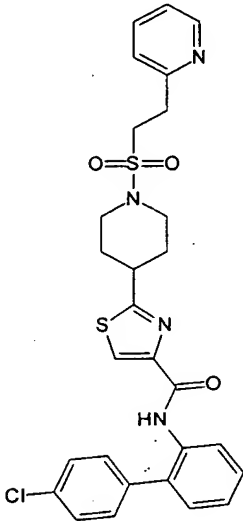
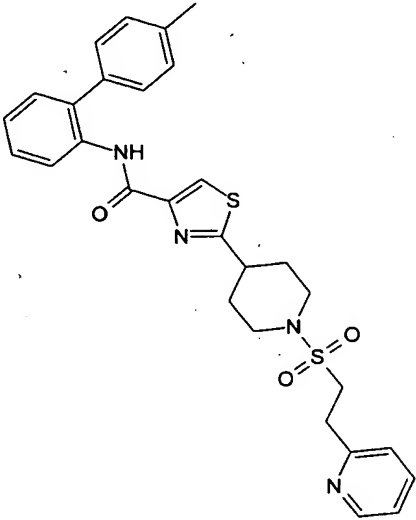
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1769 |  <p data-bbox="318 953 1211 1010">2-[1-(butylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1770 |  <p data-bbox="318 1625 1211 1682">2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

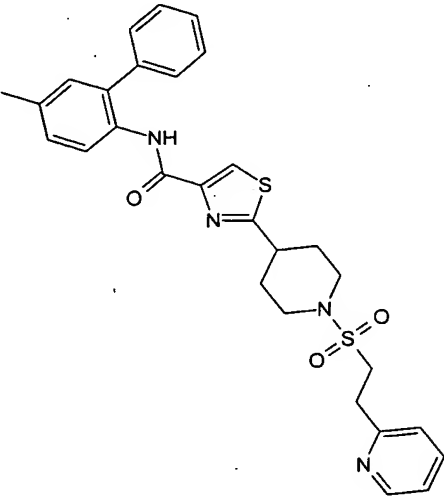
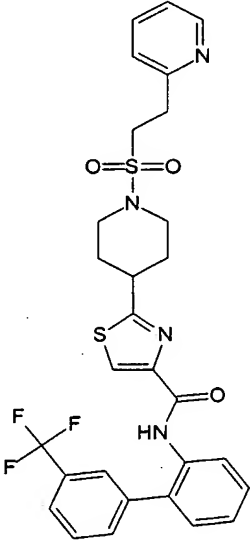
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1771 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1772 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

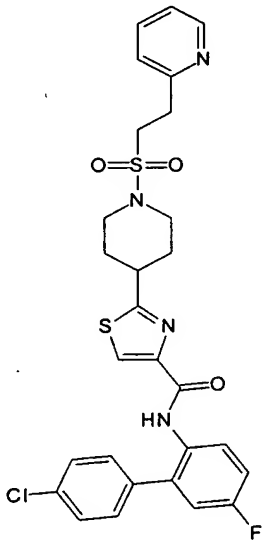
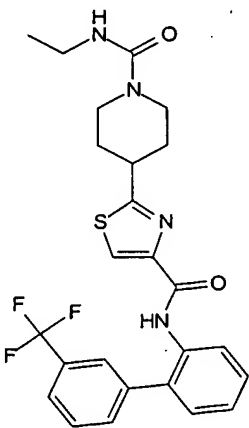
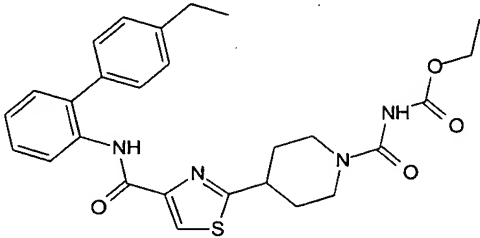
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1773 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1774 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

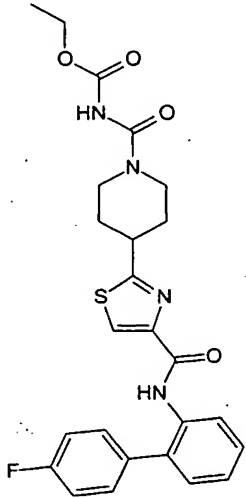
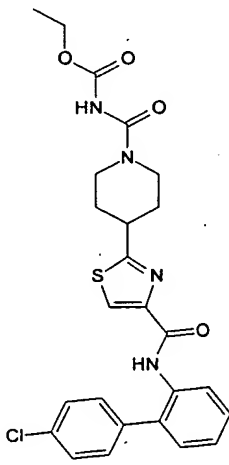
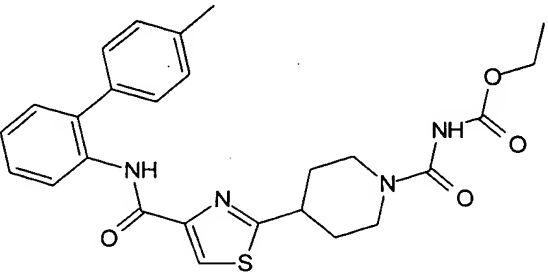
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1775 |  <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1776 |  <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

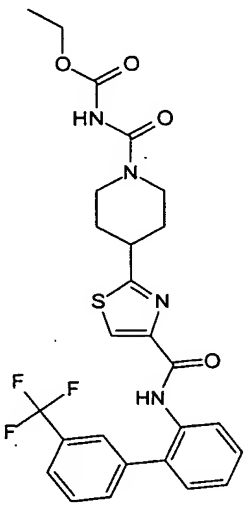
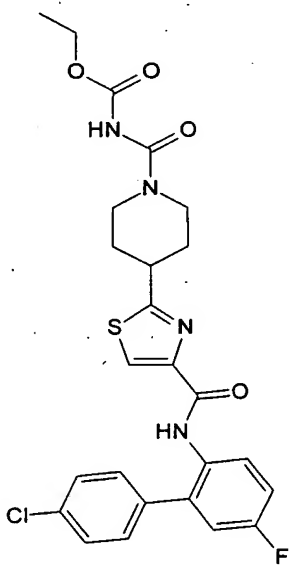
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1777 |  <p data-bbox="321 951 1185 1010">2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1778 |  <p data-bbox="321 1648 1203 1707">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

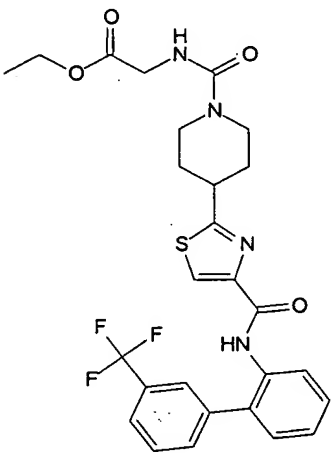
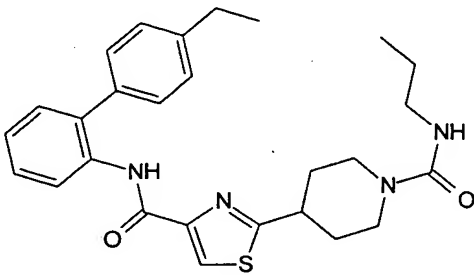
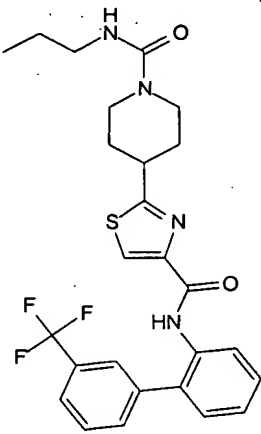
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1779 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1780 |  <p>N-(4'-methylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

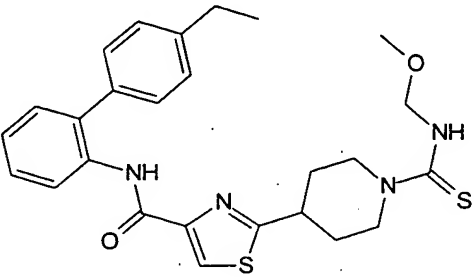
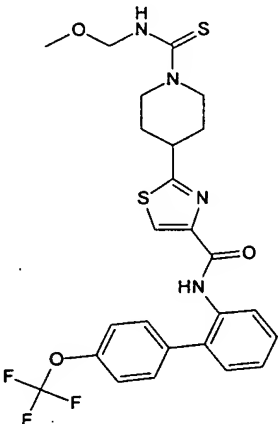
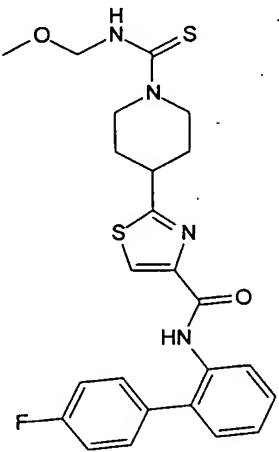
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1781 |  <p>N-(5-methylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1782 |  <p>2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

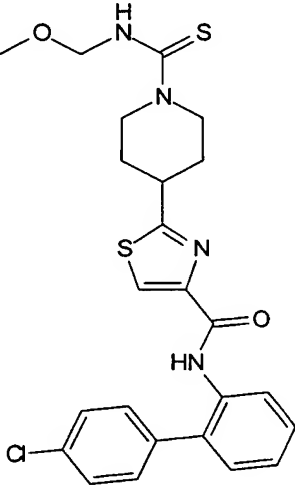
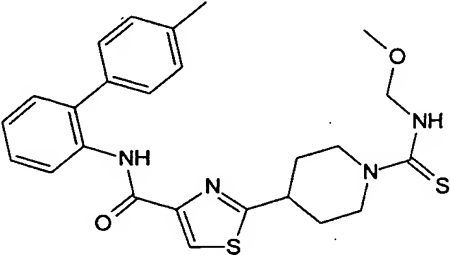
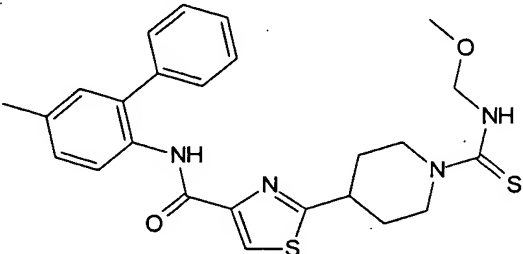
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1783 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1784 |  <p>N-ethyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 1785 |  | |

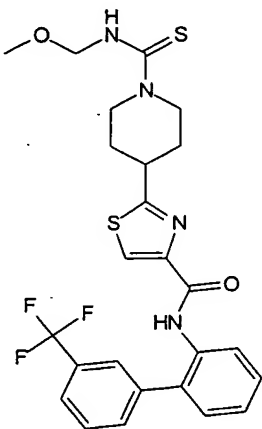
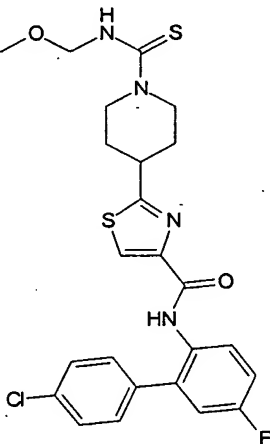
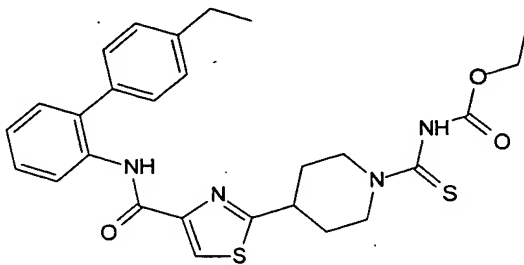
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1786 |  <p>ethyl {[4-(4-[[4'-fluorobiphenyl-2-yl]amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl}carbonyl carbamate</p> | |
| 1787 |  <p>ethyl {[4-(4-[[4'-chlorobiphenyl-2-yl]amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl}carbonyl carbamate</p> | |
| 1788 |  | |

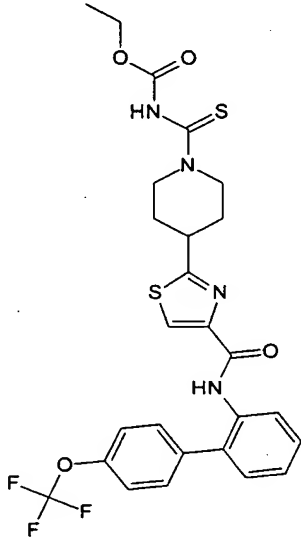
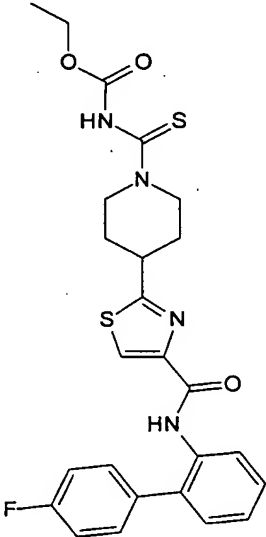
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1789 |  <p>ethyl ((4-([3'-(trifluoromethyl)biphenyl-2-yl]amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbamate</p> | |
| 1790 |  <p>ethyl {[4-([4'-chloro-5-fluorobiphenyl-2-yl]amino)carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl)carbamate</p> | |

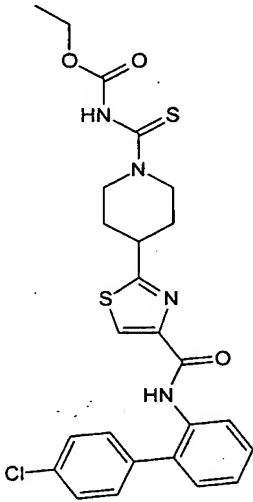
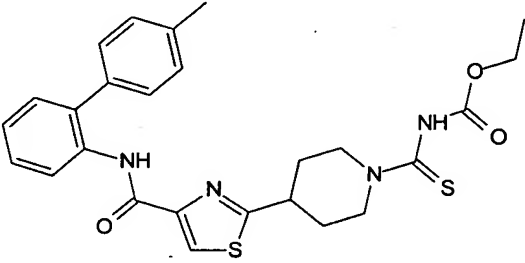
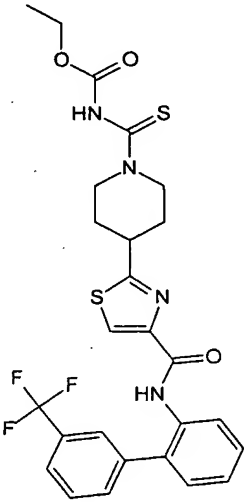
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1791 |  <p>ethyl N-({4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonyl)glycinate</p> | |
| 1792 |  <p>N-ethyl-4-[4-({[3'-(4-ethylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |
| 1793 |  <p>N-propyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p> | |

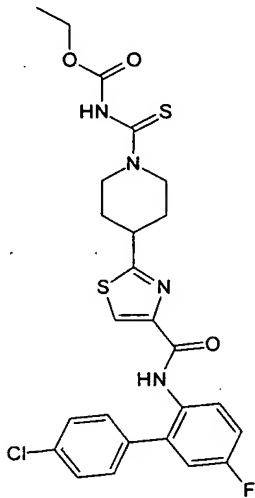
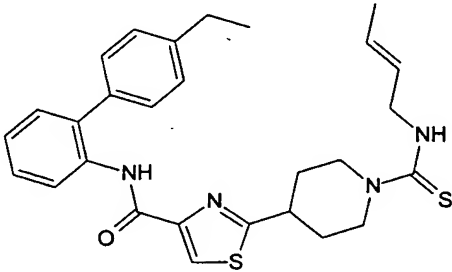
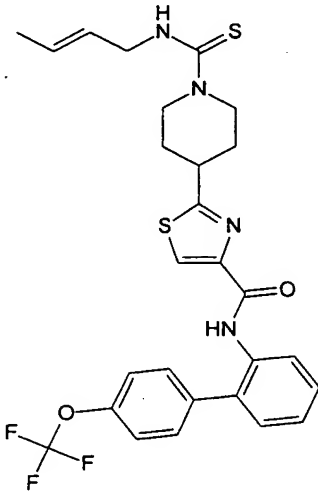
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1794 |  | |
| 1795 |  <p data-bbox="321 1129 1198 1192">2-(1-[[[(methoxymethyl)amino]carbonothioyl]piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1796 |  <p data-bbox="321 1738 1172 1801">N-(4'-fluorobiphenyl-2-yl)-2-(1-[[[(methoxymethyl)amino]carbonothioyl]piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

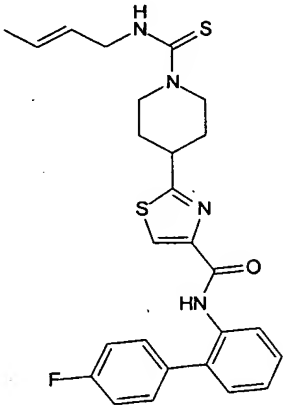
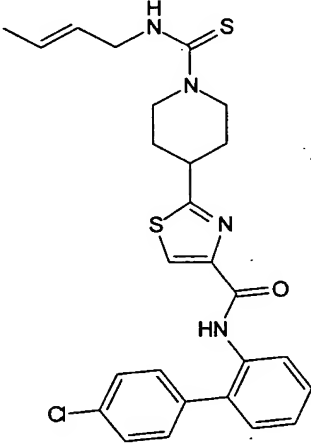
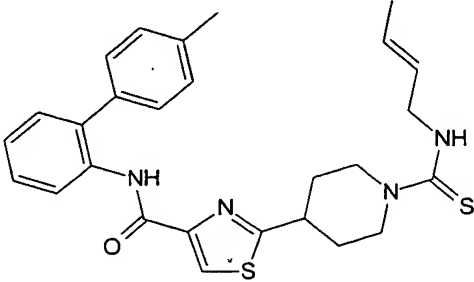
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1797 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-(((methoxymethyl)-amino)carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1798 |  | |
| 1799 |  | |

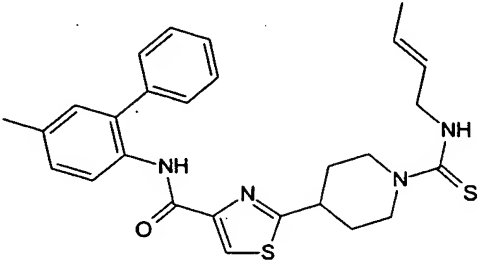
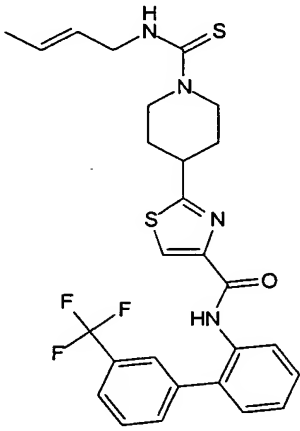
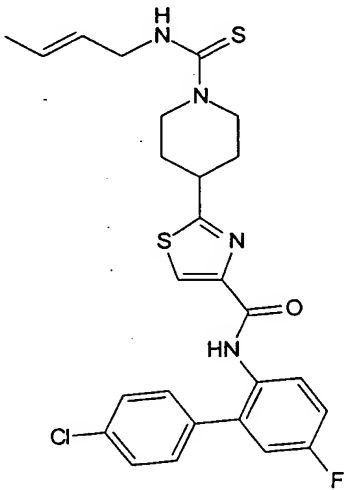
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1800 |  <p>2-(1-(((methoxymethyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1801 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-(((methoxymethyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1802 |  <p>N-(4-ethylphenyl)-2-(1-(((ethoxycarbonyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

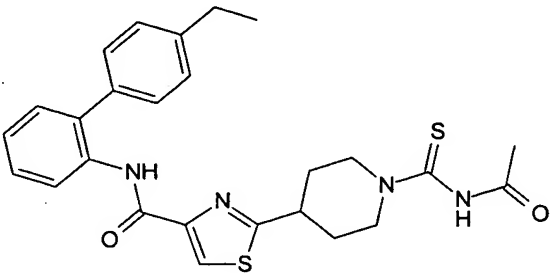
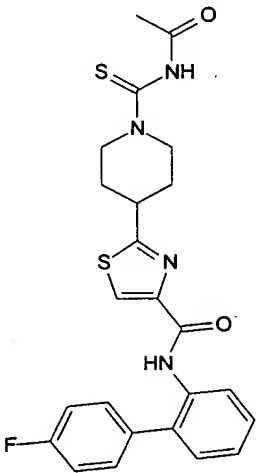
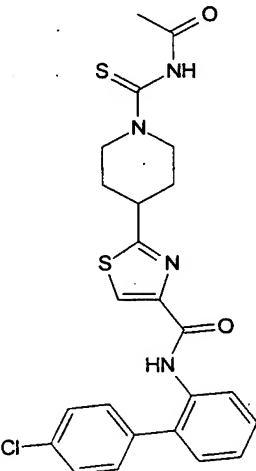
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1803 |  <p>ethyl ((4-([4'-(trifluoromethoxy)biphenyl-2-yl]amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)carbamate</p> | |
| 1804 |  <p>ethyl ((4-([4'-fluorobiphenyl-2-yl]amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)carbamate</p> | |

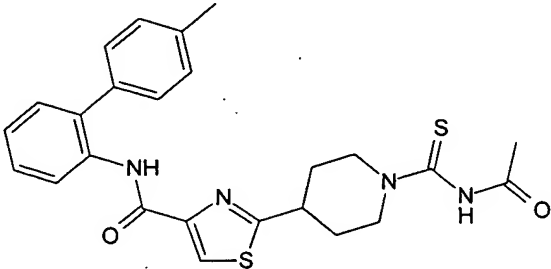
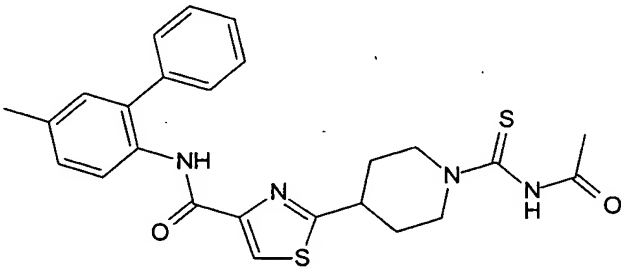
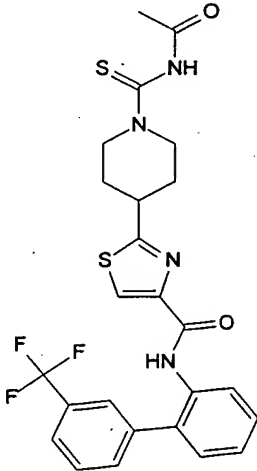
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1805 |  <p>ethyl {[4-(4-[[4'-chlorobiphenyl-2-yl]amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl}carbonothioyl}carbamate</p> | |
| 1806 |  | |
| 1807 |  | |

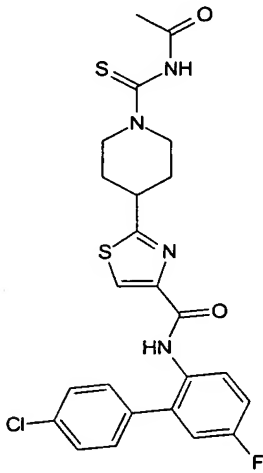
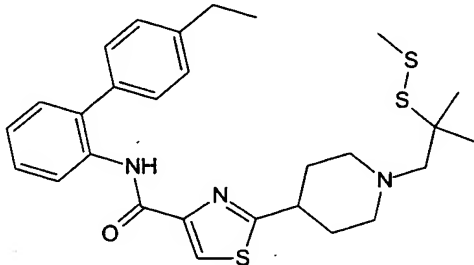
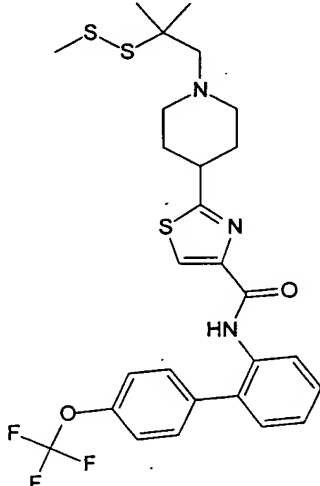
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1808 |  <p>ethyl {[4-(4-[[4'-chloro-5-fluorobiphenyl-2-yl]amino]carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbamate</p> | |
| 1809 |  | |
| 1810 |  | |

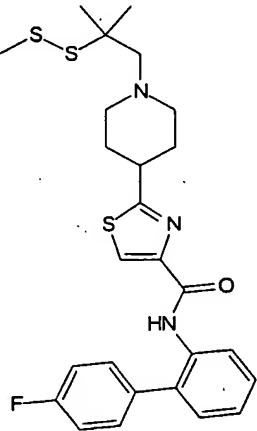
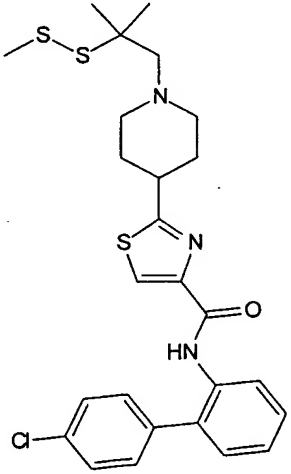
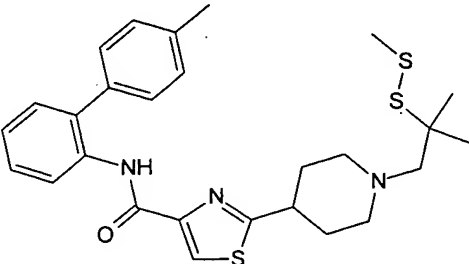
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1811 |  <p>2-(1-(((2E)-but-2-en-1-ylamino)carbonothioyl)piperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1812 |  <p>2-(1-(((2E)-but-2-en-1-ylamino)carbonothioyl)piperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1813 |  | |

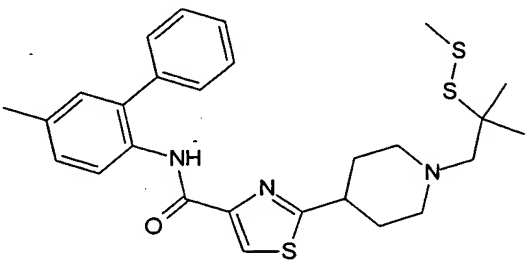
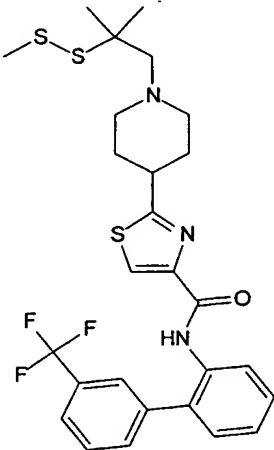
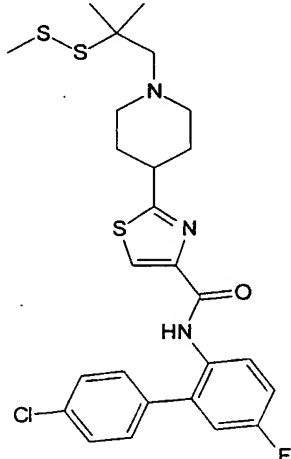
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1814 |  | |
| 1815 |  <p data-bbox="316 1136 1208 1192">2-(1-[[[(2E)-but-2-en-1-ylamino]carbonothioyl]piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1816 |  <p data-bbox="316 1766 1208 1822">2-(1-[[[(2E)-but-2-en-1-ylamino]carbonothioyl]piperidin-4-yl]-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

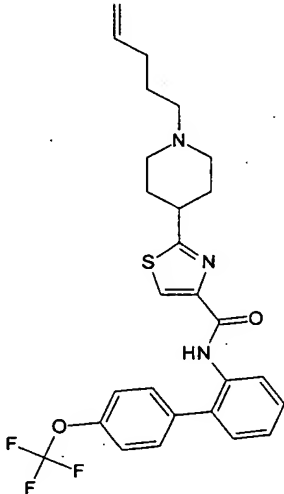
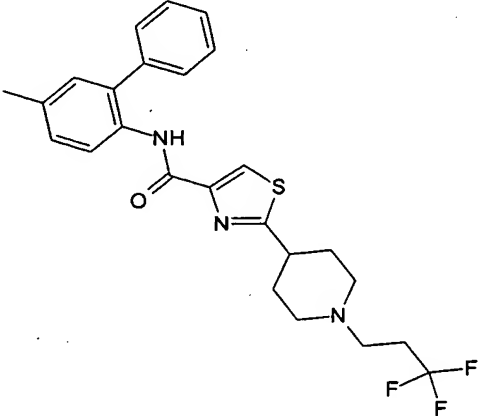
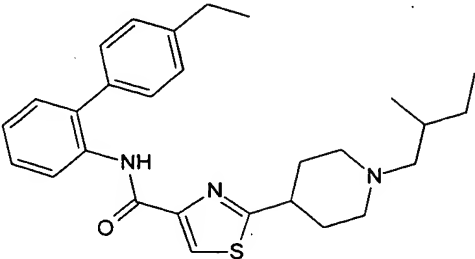
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1817 |  | |
| 1818 |  <p data-bbox="321 1178 1203 1241">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1819 |  <p data-bbox="321 1808 1203 1871">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

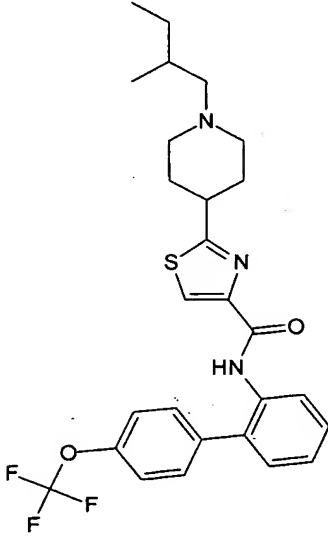
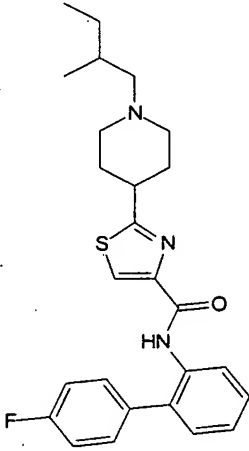
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1820 |  | |
| 1821 |  | |
| 1822 |  <p data-bbox="321 1535 1161 1598">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

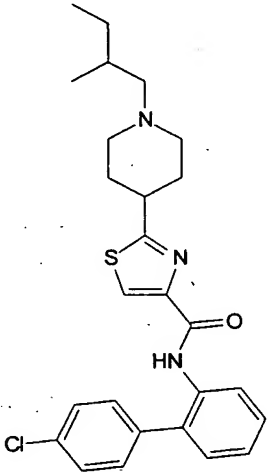
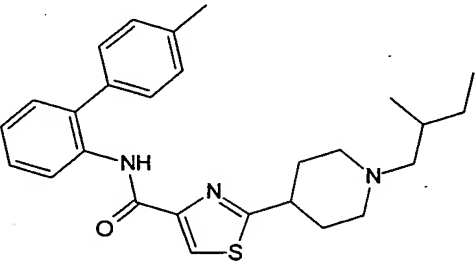
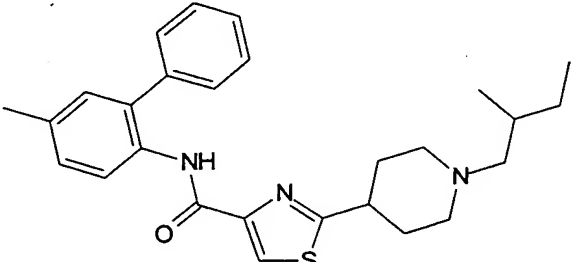
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1823 |  <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluoro-biphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1824 |  | |
| 1825 |  <p>2-{1-[2-methyl-2-(methylthio)propyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |

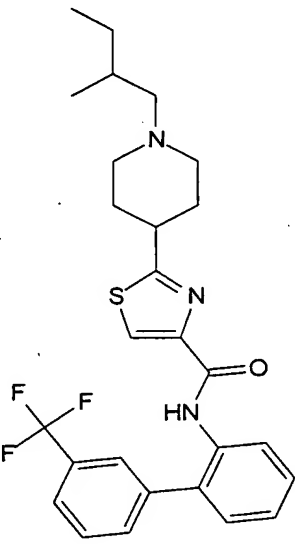
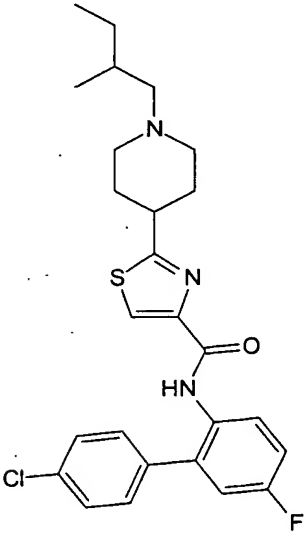
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1826 |  <p data-bbox="318 825 1219 888">N-(4'-fluorobiphenyl-2-yl)-2-{1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1827 |  <p data-bbox="318 1455 1219 1518">N-(4'-chlorobiphenyl-2-yl)-2-{1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1828 |  | |

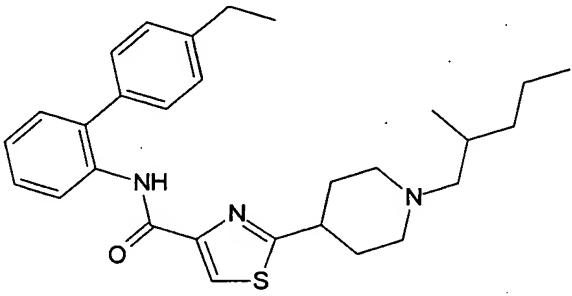
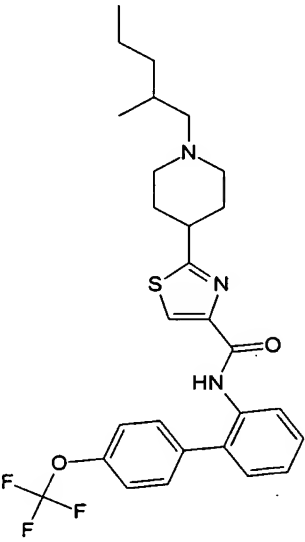
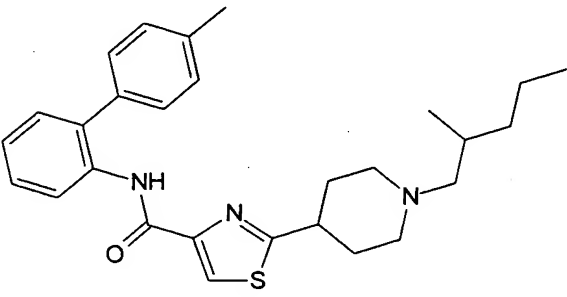
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1829 |  | |
| 1830 |  <p data-bbox="316 1155 1209 1218">2-{1-[2-methyl-2-(methylthio)propyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1831 |  <p data-bbox="316 1753 1209 1816">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[2-methyl-2-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

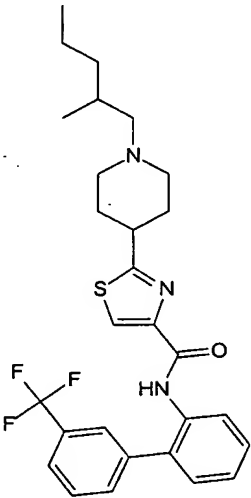
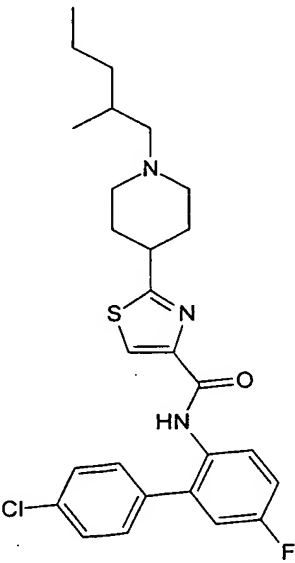
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1832 |  <p data-bbox="315 892 1218 951">2-(1-pent-4-en-1-yl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1833 |  <p data-bbox="315 1453 1161 1512">N-(5-methylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1834 |  | |

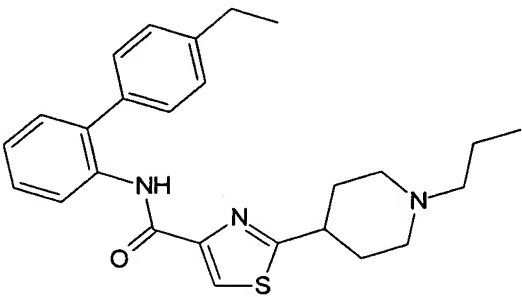
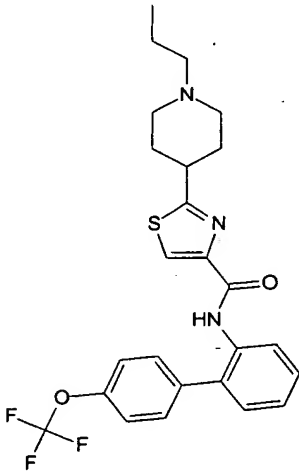
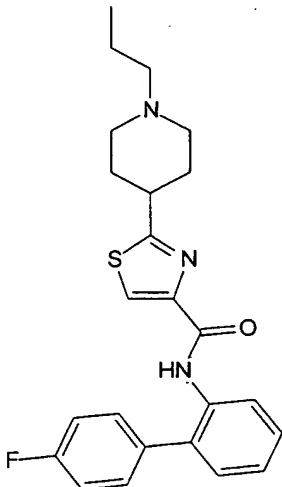
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1835 |  <p>2-[1-(2-methylbutyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1836 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

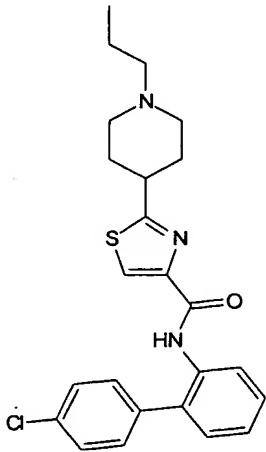
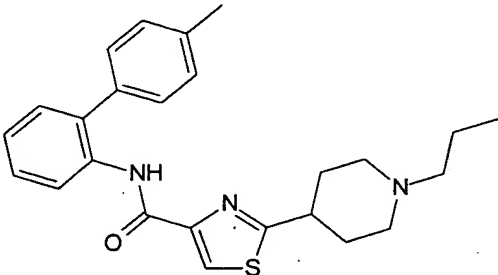
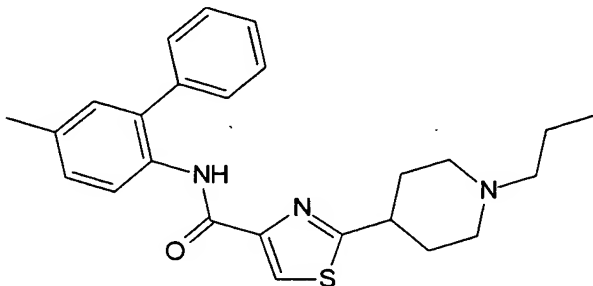
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1837 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1838 |  <p>N-(4-methylphenyl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1839 |  <p>N-(3-methylphenyl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

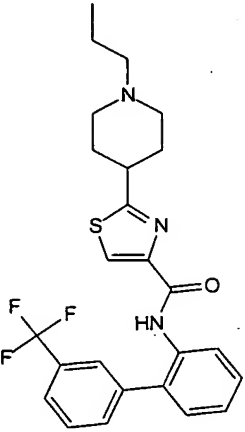
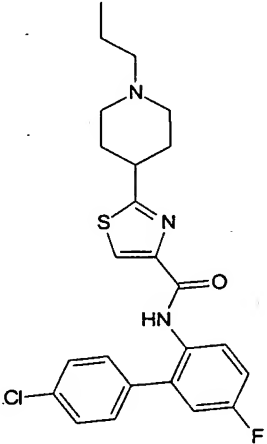
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|------|--|-------------|
| 1840 |  <p data-bbox="321 934 1203 997">2-[1-(2-methylbutyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1841 |  <p data-bbox="321 1648 1193 1711">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

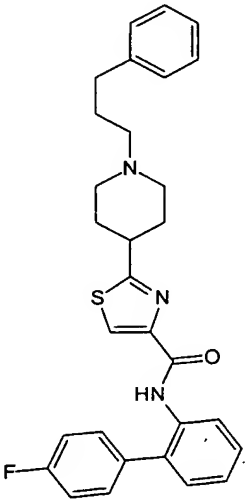
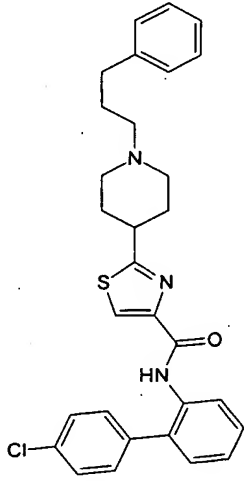
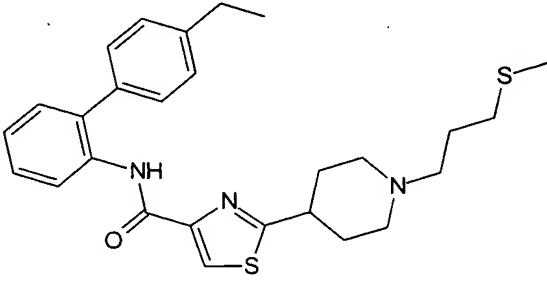
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1842 |  | |
| 1843 |  <p data-bbox="318 1310 1192 1373">2-[1-(2-methylpentyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1844 |  | |

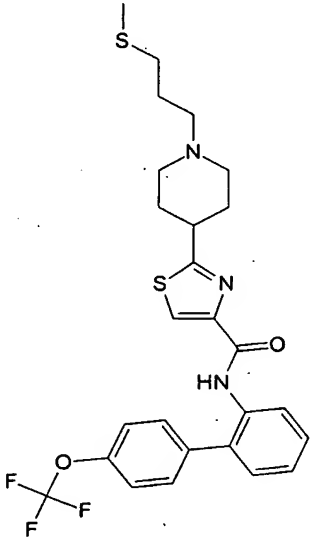
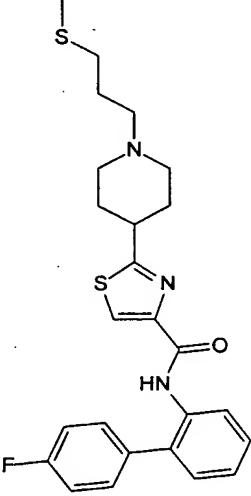
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|------|--|-------------|
| 1845 |  <p data-bbox="321 884 1219 940">2-[1-(2-methylpentyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1846 |  <p data-bbox="321 1577 1219 1633">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |

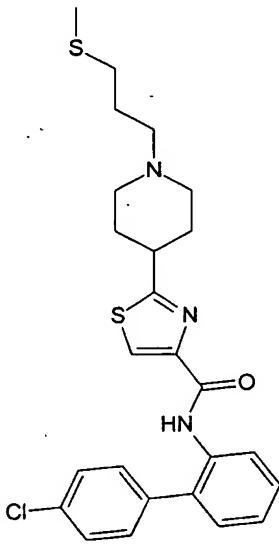
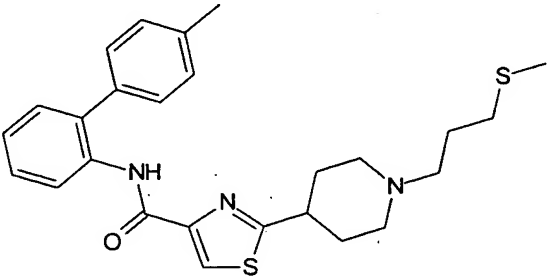
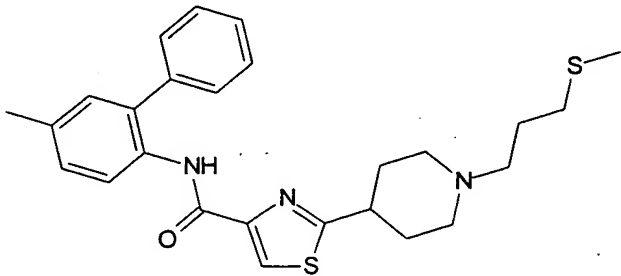
| No. | FORMULA | NMR or mass |
|------|--|--|
| 1847 |  <chem>CCCCN1CCCCC1c2nc(C(=O)N(c3ccccc3)c4ccc(CC)cc4)cs2</chem> | |
| 1848 |  <chem>CCCCN1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccc(OC(F)(F)F)cc4)cs2</chem> | 2-(1-propylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide |
| 1849 |  <chem>CCCCN1CCCCC1c2nc(C(=O)Nc3ccccc3-c4ccc(F)cc4)cs2</chem> | |

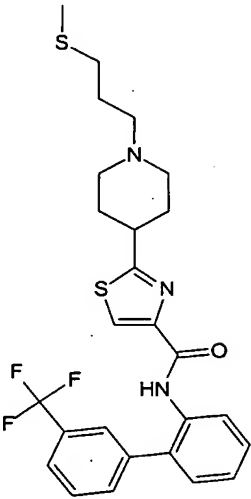
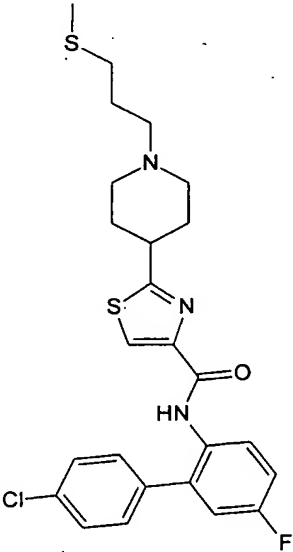
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1850 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-propylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1851 |  | |
| 1852 |  | |

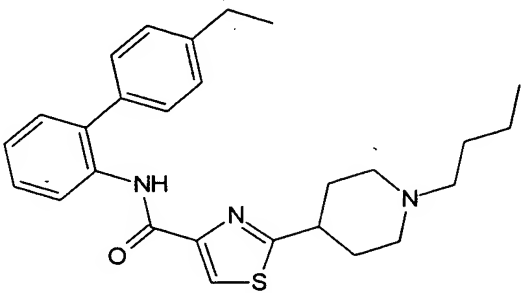
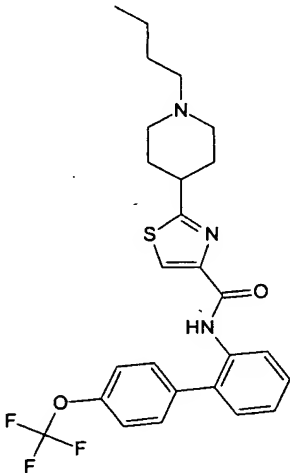
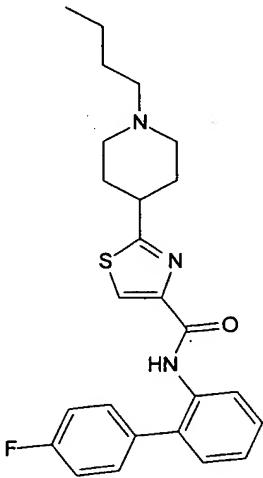
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1853 |  <p>2-(1-propylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1854 |  <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-propylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

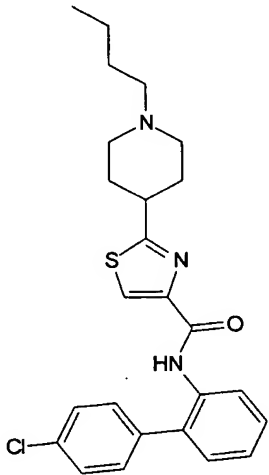
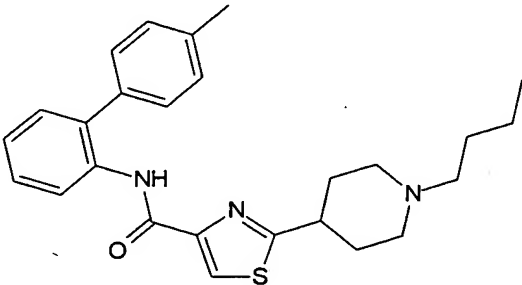
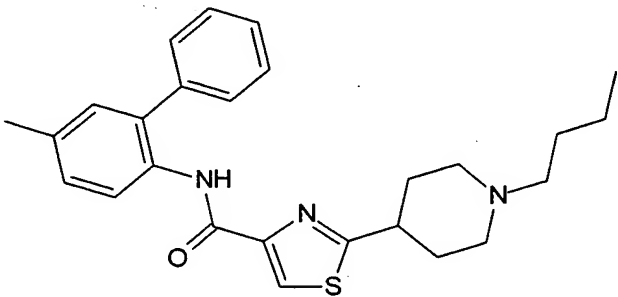
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1855 |  <p data-bbox="310 884 1224 940">N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1856 |  <p data-bbox="310 1470 1224 1526">N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1857 |  | |

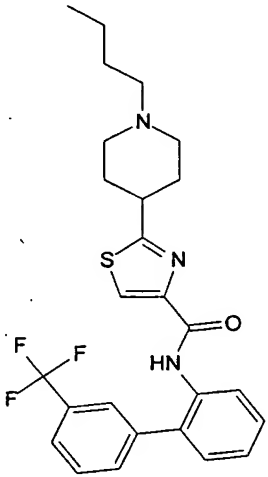
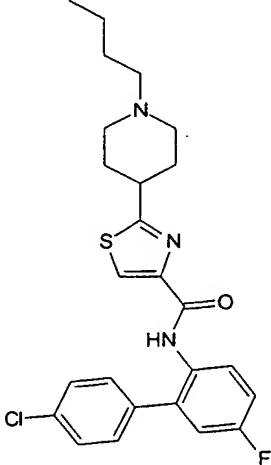
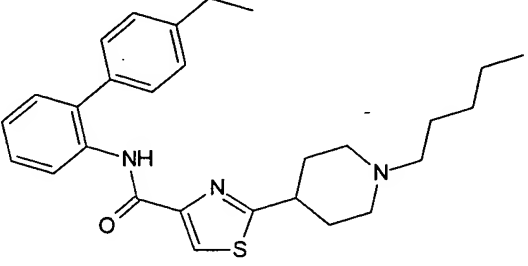
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1858 |  <p data-bbox="316 934 1226 997">2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1859 |  <p data-bbox="316 1585 1161 1648">N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

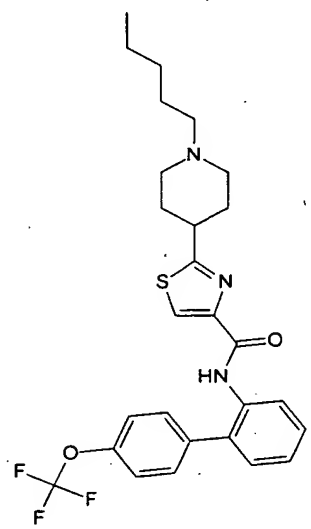
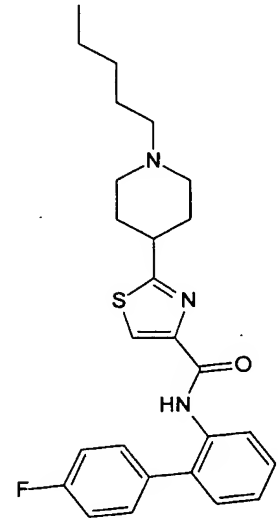
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1860 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1861 |  | |
| 1862 |  | |

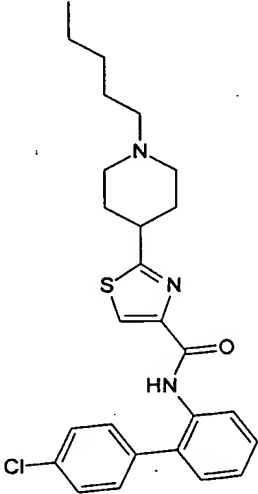
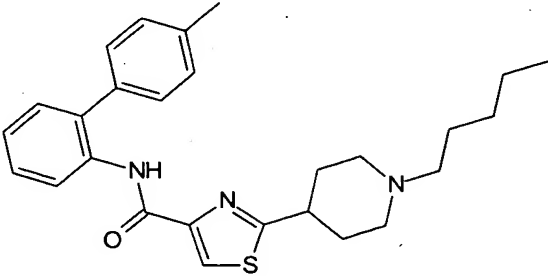
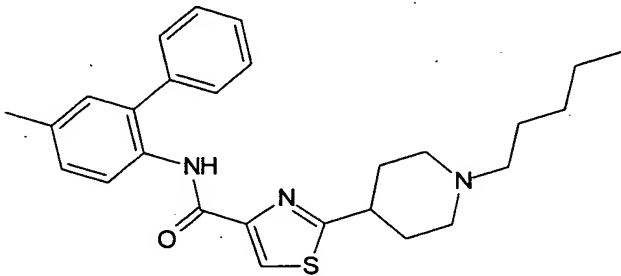
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1863 |  <p data-bbox="316 892 1232 951">2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1864 |  <p data-bbox="316 1581 1224 1638">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

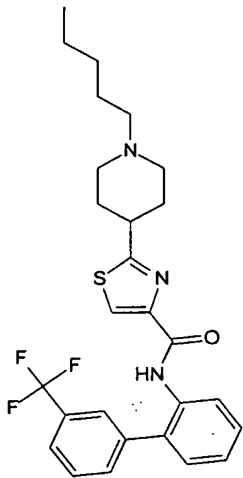
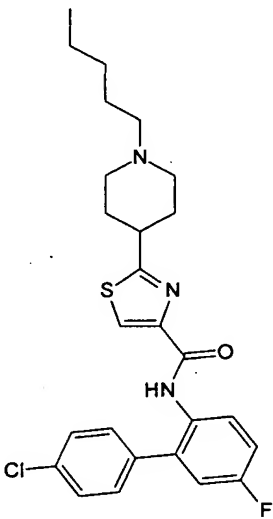
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1865 |  <p>Chemical structure of 2-(1-(4-ethylphenyl)-2-phenylamino-1-oxoethyl)-1,3-thiazole-4-carboxamide, N-(1-butylpiperidin-4-yl). The structure features a 1,3-thiazole ring substituted at the 2-position with a 1-(4-ethylphenyl)-2-phenylamino-1-oxoethyl group and at the 4-position with a butylpiperidin-4-yl group.</p> | |
| 1866 |  <p>Chemical structure of 2-(1-butylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide. The structure features a 1,3-thiazole ring substituted at the 2-position with a butylpiperidin-4-yl group and at the 4-position with a carboxamide group attached to a biphenyl system, where the 4' position of the biphenyl is substituted with a trifluoromethoxy group.</p> <p>2-(1-butylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1867 |  <p>Chemical structure of 2-(1-butylpiperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide. The structure features a 1,3-thiazole ring substituted at the 2-position with a butylpiperidin-4-yl group and at the 4-position with a carboxamide group attached to a biphenyl system, where the 4' position of the biphenyl is substituted with a fluorine atom.</p> <p>2-(1-butylpiperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |

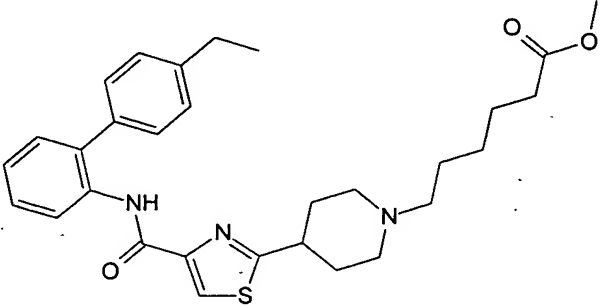
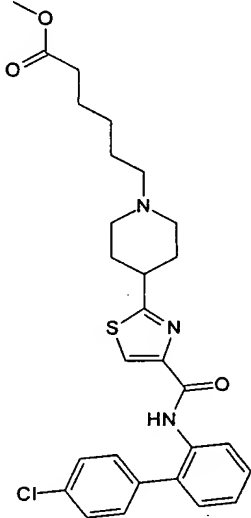
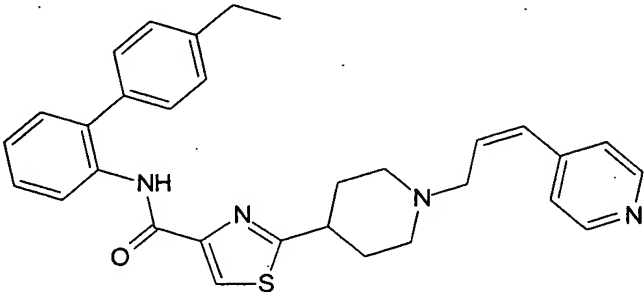
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1868 |  <p>2-(1-butylpiperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1869 |  | |
| 1870 |  | |

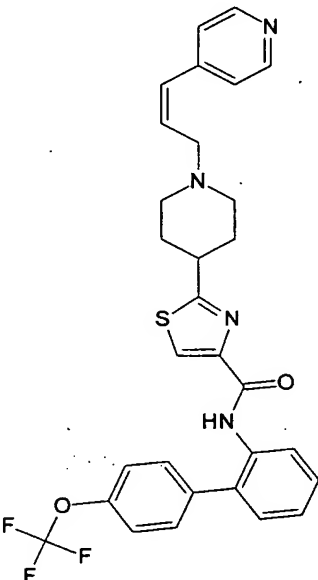
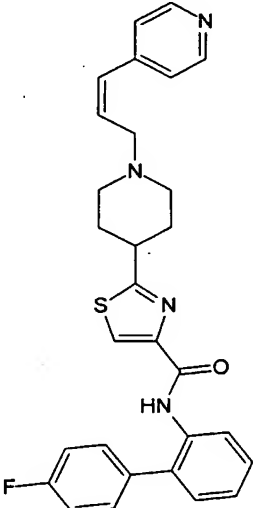
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1871 |  <p>2-(1-butylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1872 |  <p>2-(1-butylpiperidin-4-yl)-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1873 |  | |

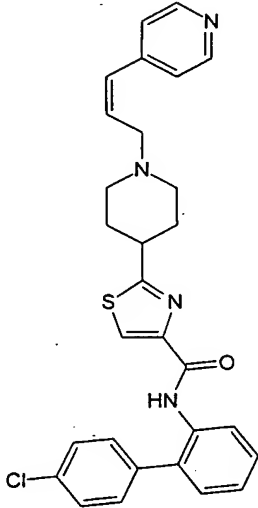
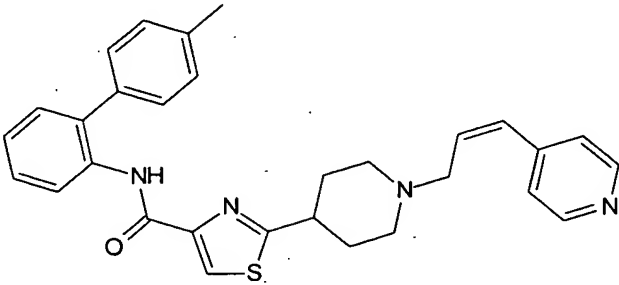
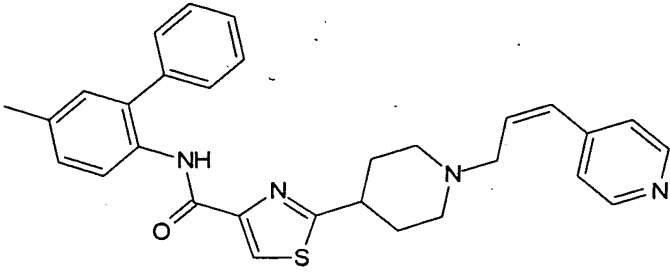
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1874 |  <p>2-(1-pentylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1875 |  <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

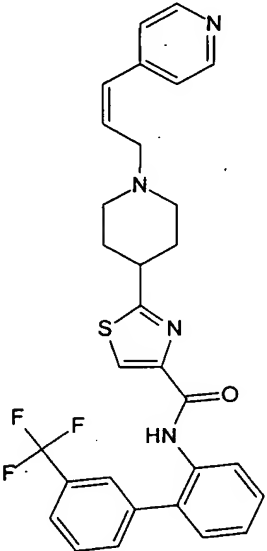
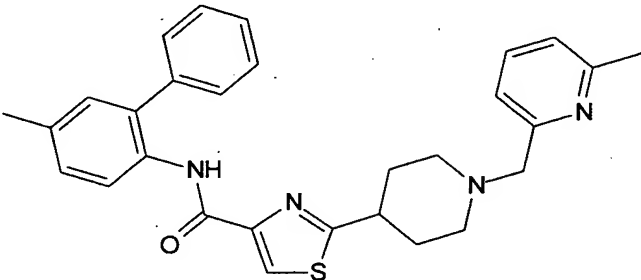
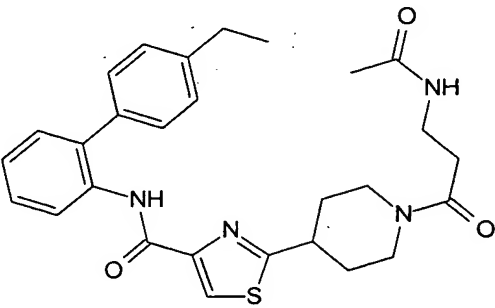
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1876 |  <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |
| 1877 |  | |
| 1878 |  | |

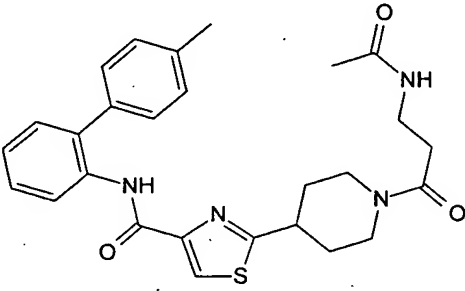
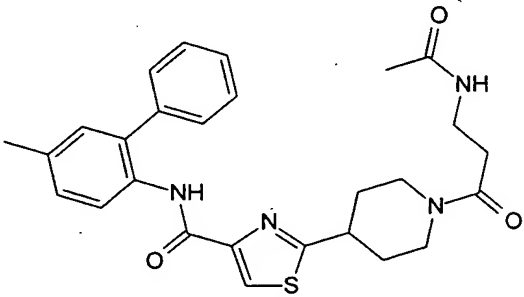
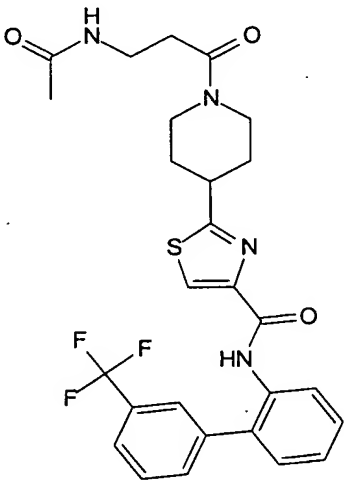
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1879 |  <p data-bbox="318 863 1224 926">2-(1-pentylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1880 |  <p data-bbox="318 1514 1218 1577">N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p> | |

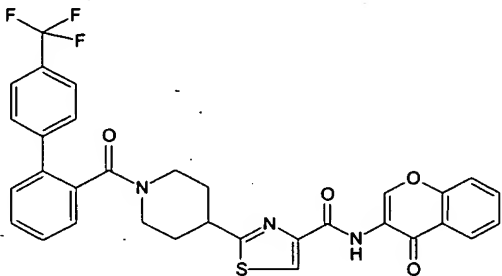
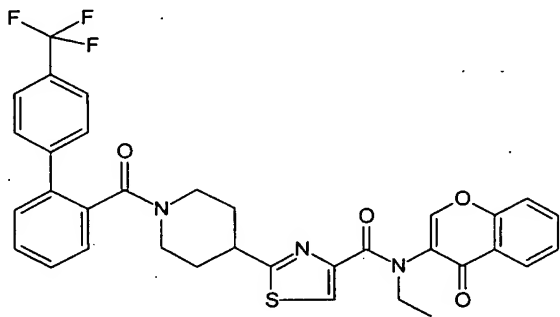
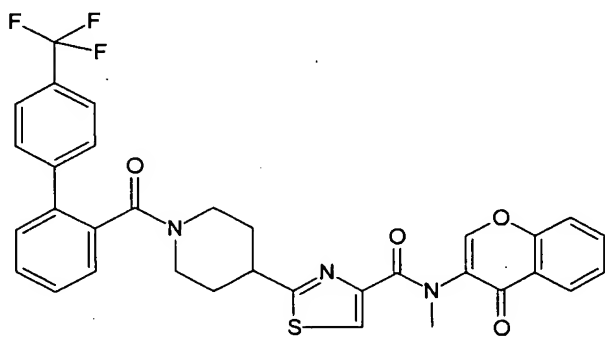
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1881 |  | |
| 1882 |  <p data-bbox="315 1297 1187 1356">methyl 6-[4-(4-[[4'-chlorobiphenyl-2-yl]amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]hexanoate</p> | |
| 1883 |  | |

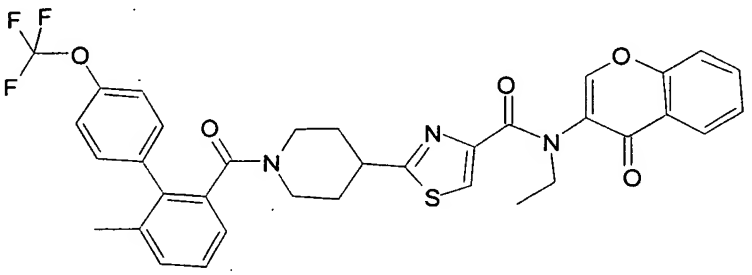
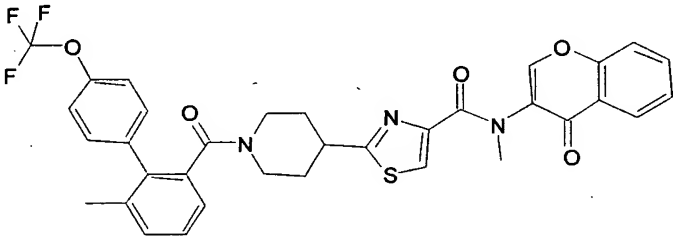
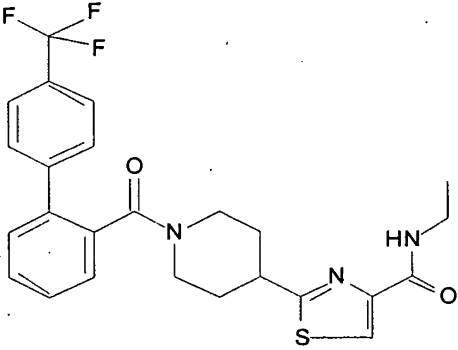
| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1884 |  <p data-bbox="315 982 1127 1037">2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p> | |
| 1885 |  <p data-bbox="315 1667 1224 1722">N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |

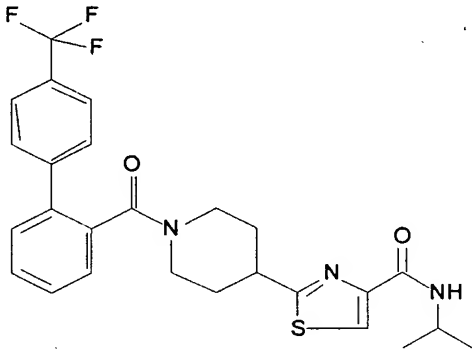
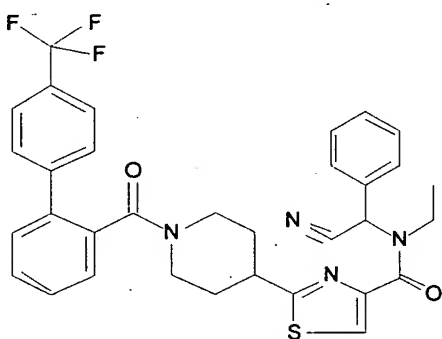
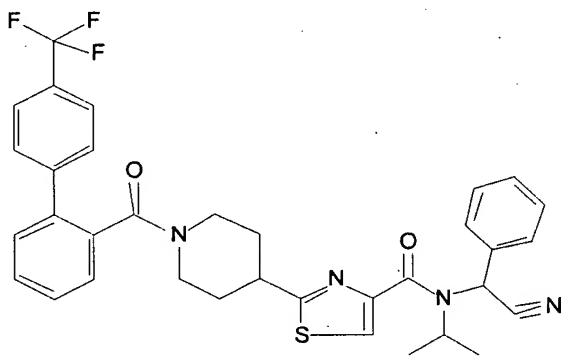
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1886 |  <p data-bbox="318 930 1230 989">N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p> | |
| 1887 |  | |
| 1888 |  | |

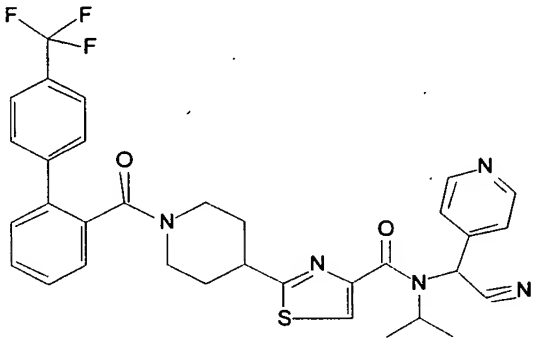
| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1889 |  | |
| 1890 |  | |
| 1891 |  | |

| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1892 |  <chem>CC(=O)NCCNC(=O)N1CC[C@H](c2nc(C3=CC=C(C=C3)NC(=O)c4ccccc4)cs2)CC1</chem> | |
| 1893 |  <chem>CC(=O)NCCNC(=O)N1CC[C@H](c2nc(C3=CC=C(C=C3)NC(=O)c4cc(C)cc4)cs2)CC1</chem> | |
| 1894 |  <chem>CC(=O)NCCNC(=O)N1CC[C@H](c2nc(C3=CC=C(C=C3)NC(=O)c4cc(C5=CC=CC=C5)cc5ccccc54)cs2)CC1</chem> | |

| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1895 |  <chem>FC1(F)F=C(C=C1)C2=CC=C(C=C2)C(=O)N3CCCCC3C4=CN=C(S4)C(=O)NC5=CC6=C(C(=O)O5)C=CC6</chem> | ES+ 604,4 |
| 1896 |  <chem>CCN(C(=O)C1=CC2=C(C(=O)O1)C=CC2)C3=CN=C(S3)C4CCCCC4C(=O)C5=CC6=C(C(=O)O5)C=CC6C7=CC=C(C=C7)C(=O)N8CCCCC8C(=O)C9=CC=C(C=C9)C(F)(F)F</chem> | ES+ 632,4 |
| 1897 |  <chem>CN(C(=O)C1=CC2=C(C(=O)O1)C=CC2)C3=CN=C(S3)C4CCCCC4C(=O)C5=CC6=C(C(=O)O5)C=CC6C7=CC=C(C=C7)C(=O)N8CCCCC8C(=O)C9=CC=C(C=C9)C(F)(F)F</chem> | ES+ 618,4 |

| No. | FORMULA | NMR or mass |
|------|---|-------------|
| 1898 |  | ES+ 662,4 |
| 1899 |  | ES+ 648,4 |
| 1900 |  | ES+ 488,3 |

| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1901 |  <chem>CC(C)NC(=O)c1nc(C2CCN(CC2)C(=O)c3ccccc3-c4ccc(C(F)(F)F)cc4)cs1</chem> | ES+ 502,2 |
| 1902 |  <chem>CCN(C(=O)c1nc(C2CCN(CC2)C(=O)c3ccccc3-c4ccc(C(F)(F)F)cc4)cs1)c3ccccc3n3</chem> | ES+ 603,3 |
| 1903 |  <chem>CC(C)N(C(=O)c1nc(C2CCN(CC2)C(=O)c3ccccc3-c4ccc(C(F)(F)F)cc4)cs1)c3ccccc3n3</chem> | ES+617,4 |

| No. | FORMULA | NMR or mass |
|------|--|-------------|
| 1904 |  <p>The chemical structure of compound 1904 is a complex molecule. It features a central thiazole ring. On the left side of the thiazole, there is a piperidine ring connected via its nitrogen atom to a carbonyl group, which is further connected to a biphenyl system. The biphenyl system consists of two benzene rings; the upper ring is substituted with a trifluoromethyl group (-CF₃). On the right side of the thiazole, there is another carbonyl group connected to a nitrogen atom. This nitrogen is also bonded to an isopropyl group and a 2-cyanoethyl group. The 2-cyanoethyl group is further substituted with a pyridine ring at the 2-position.</p> | ES- 616,3 |

BIOLOGICAL EXPERIMENTAL SECTION

BIOLOGICAL ACTIVITY TESTS

Analysis of the inhibition of MTP activity

5 The inhibition of the activity of microsomal triglyceride transfer protein (MTP) was tested by using the following operating protocol.

The inhibition of MTP activity with a compound can be quantified by observing the inhibition of the transfer of a labelled triglyceride, from a donor particle to an acceptor particle, in the presence of MTP. The procedure for the preparation of MTP is based on the method by Wetterau and Zilversmit (*Biochem. Biophys. Acta* (1986) **875**, 610). A few grams of golden hamster liver are taken and then rinsed several times in a 250 mM sucrose solution at 0°C. All the following steps proceed at +4°C. A homogenate at a concentration of 50% in 250 mM sucrose is prepared using a Teflon mill and then centrifuged for 10 minutes at 10 000×g at +4°C. The supernatant is then centrifuged at 105 000×g for 75 minutes at +4°C. The supernatant is discarded and the microsomal pellet is taken up in 3 ml (per g of starting liver) of Tris/HCl 150 mM pH 8.0. 1-ml aliquot fractions are stored at -80°C until the time of use.

After thawing a fraction of microsomes (1 ml), 12 ml of refrigerated Tris/HCl 20 50 mM, KCl 50 mM, MgCl₂ 5 mM pH 7.4 buffers and 1.2 ml of deoxycholate (0.54% in water) are added. After incubation for 30 minutes at +4°C with gentle agitation, the suspension is centrifuged at 105 000×g for 75 minutes. The supernatant comprising the soluble MTP is dialysed against Tris/HCl 150 mM, NaCl 40 mM, EDTA 1 mM, 0.02% sodium azide pH 7.4 buffer (5 times one litre over 2-3 25 days). The MTP is stored at +4°C, is stable for at least 30 days and is used in unmodified form in the test.

The donor particles (liposomes) are prepared from 208 µL of L-phosphatidylcholine at a concentration of 10 mg/ml in chloroform, and 480 µL of [3H]-triolein at a concentration of 0.5 mCi/ml in toluene. After stirring, the solution 30 is evaporated under nitrogen, taken up in 6 ml of Tris/HCl 50 mM, KCl 50 mM, MgCl₂ 5 mM pH 7.4 buffer and incubated in an ultrasound bath for 30 minutes at

room temperature. The liposomes are stored at +4°C and sonicated again for 10 minutes before each use.

The acceptor particles are biotinylated low density lipoproteins (LDL-biot). These particles are supplied by the company Amersham.

5 The reaction mixture is prepared in untreated ½ well white plates (Corning Costar) by addition, in the following order, of: 5 µL of HEPES 50 mM, NaCl 150 mM, BSA 0.1% (w/v), 0.05% sodium azide (w/v), pH 7.4 buffer; 5 µL of liposomes; 5 µL of LDL-biot; 5 µL of test products in DMSO; 5 µL of MTP. After incubation for 18-24 hours at 37°C, the reaction is stopped by adding 100 µL of Amer-
10 sham SPA (Scintillation Proximity Assay) beads coupled to streptavidin, and the radioactivity is counted using a Top Count (Packard) machine at least one hour later. The inhibition of the transfer of the triglycerides with a compound is reflected by a reduction in the transferred radioactivity. The percentage of inhibition for a given compound is determined relative to controls that do not comprise com-
15 pounds in the reaction mixture.

The results are expressed in terms of the IC₅₀, i.e. the concentration that allows a 50% inhibition of MTP. These results are summarized in Table A below for a number of representative compounds of the invention.

20

TABLE A

| <i>Example</i> | <i>IC₅₀ (nM)</i> |
|-----------------------|------------------------------------|
| 1 | 51 |
| 3 | 57 |
| 4 | 720 |
| 5 | 660 |
| 6 | 385 |
| 7 | 926 |
| 8 | 892 |
| 9 | 58 |
| 10 | 167 |

Analysis of the secretion of apo B in the HepG2 human cell line:

The activity of a compound according to the invention can be evaluated by measuring the inhibition of apo B secretion in HepG2 cells.

The HepG2 cells (ECACC – No. 85011430) are used as model in the study
5 of the in vitro hepatic secretion of lipoproteins (Dixon J. and Ginsberg H., *J. Lipid. Res.*, 1993, **34**,167-179).

The HepG2 cells are cultured in Dulbecco's modified Eagle's medium comprising 10% foetal calf serum (DMEM and FBS - Gibco) in 96-well plates under an atmosphere of 5% carbon dioxide for 24 hours (about 70% confluence).

10 The test compounds are dissolved at a concentration of 2 or 10 mM in dimethyl sulfoxide (DMSO). Serial dilutions (1:3.16) are made in DMSO and are added (1:200 – Robot Multimek Beckman) to the growth medium (200 μ L) and then finally incubated for 24 hours in the various wells containing the HepG2 cells.

The 24-hour culture supernatant diluted to 1:5 (phosphate-buffered saline:
15 PBS comprising 1% bovine serum albumin) is tested according to a sandwich-ELISA method specific for human apo B.

The results are expressed in terms of IC_{50} , i.e. the concentration that produces a 50% inhibition of apo B secretion in the HepG2 cells.

These results are collated in Table B below for a number of representative
20 compounds of the invention.

TABLE B

| Example | IC_{50} (nM) |
|----------------|----------------------------------|
| 1 | 20 |
| 3 | 12 |
| 4 | 307 |
| 5 | 286 |
| 6 | 288 |
| 9 | 7 |